

Exhibit A

RUN NO. 746 DATE=06/14/91 TIME=0833

LISTING OF MODULE PBS00010

PAGE 5

66/91/20  
11052/60  
OLD S.N 15501

```
*****
12/21/90 JPH IF CONSUMER PAYMENT IS LESS THAN MERCHANT
CREDIT LIMIT, PROCESS PAYMENT AS ACH ITEM
REGARDLESS OF THE CREDIT LIMIT TOTAL.
EXCLUDE THESE ITEMS FROM ACCUMULATION
OF ACH TRANSACTIONS INTO THE CREDIT LIMIT
TOTAL.
000182 01/02/91
000183 01/02/91
000184 01/02/91
000185 01/02/91
000186 01/02/91
000187 01/02/91
000188 01/02/91
000189 02/10/91
000190 02/10/91
000191 02/10/91
000192 03/13/91
000193 03/13/91
000194 04/14/91
000195 04/14/91
000196 04/14/91
000197 04/14/91
000198 04/14/91
000199 04/14/91
000200 04/20/91
000201 04/20/91
000202 04/20/91
000203 06/05/91
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000232

02/01/91 JPH EXPAND SOURCE CODE CHECK FOR PAY BY PHONE
FROM 'N' TO 'N14'.
03/08/91 JPH COMMIT WORKS AND RESTART PROCESSING.
04/11/91 KAB CHANGED THE 'ROLLOVER DATE' HEADING TO
'EXTRA PMT.' AND OMITTED THE 'ROLLOVER AMT'
HEADING. ALSO, CHANGED THE DRAFT ERROR
REPORT TO SHOW STATUS CODES AND ADDED TOTALS
BY STATUS.
04/19/91 PAM ADD CODE TO USE PAPER OR ELECTRONIC
RT IF EFT CODE = '9'.
05/25/91 JUF ELECTRONIC REMITTANCE PROCESSING.
06/05/91 JPH CORRECT PAYMENT ROLLOVER ERRORS FOR WEEKLY
OR BIWEEKLY PAYMENTS.
*****

ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
INPUT-OUTPUT SECTION.
FILE-CONTROL.

SELECT DATE-FILE          ASSIGN TO DA-IDFILE
                           ORGANIZATION IS INDEXED
                           ACCESS MODE IS DYNAMIC
                           RECORD KEY IS COMP-CTL-KEY
                           FILE STATUS IS COMP-STATUS.

SELECT MERCHANT-FILE      ASSIGN TO DA-MERCHANT
                           ORGANIZATION IS INDEXED
                           ACCESS MODE IS RANDOM
                           RECORD KEY IS MMR-KEY
                           FILE STATUS IS MMR-STAT.

SELECT TRANHOLD-FILE      ASSIGN TO UT-S-TRANHOLD.

SELECT DRFTITEM-FILE      ASSIGN TO UT-S-DRFTITEM.

SELECT ROLLOVER-REPORT    ASSIGN TO UT-S-SYS020.
```

SELECT ERROR-REPORT ASSIGN TO UT-S-SYS021.

SELECT SUMMARY-REPORT ASSIGN TO UT-S-SYS022.

SELECT CARDIN ASSIGN TO UT-S-CARDIN.

SELECT PAY-TABLE-INPUT ASSIGN TO UT-S-PAYTABLIN.

SELECT PAY-TABLE-OUTPUT ASSIGN TO UT-S-PAYTBLOT.

DATA DIVISION.  
FILE SECTION.

FD DATE-FILE.

01 DATE-RECORD.

05 COMP-CTL-KEY PIC X(110).  
05 COMP-CTL-REC PIC X(480).

FD MERCHANT-FILE.

-INC MERCHANT

FD TRAHOLD-FILE

RECORDING MODE F  
BLOCK CONTAINS 0 RECORDS.

-INC FVDRFTRM

FD DRFTITEM-FILE

RECORDING MODE F  
BLOCK CONTAINS 0 RECORDS.

PIC X(142).

FD ROLLOVER-REPORT

RECORDING MODE F  
BLOCK CONTAINS 0 RECORDS.

PIC X(142).

FD ERROR-REPORT

RECORDING MODE F  
BLOCK CONTAINS 0 RECORDS.

PIC X(142).

FD SUMMARY-REPORT

RECORDING MODE F  
BLOCK CONTAINS 0 RECORDS.

PIC X(142).

FD CARDIN

RECORDING MODE F  
BLOCK CONTAINS 0 RECORDS.

PIC X(80).

000233	03/13/91
000234	03/13/91
000235	03/13/91
000236	03/13/91
000237	03/13/91
000238	03/13/91
000239	03/13/91
000240	03/13/91
000241	03/13/91
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000260	03/13/91
000261	03/13/91
000262	03/13/91
000263	03/13/91
000264	03/13/91
000265	03/13/91
000266	03/13/91
000267	03/13/91
000268	03/13/91
000269	03/13/91
000270	03/13/91
000271	03/13/91
000272	03/13/91
000273	03/13/91
000274	03/13/91
000275	03/13/91
000276	03/13/91
000277	03/13/91
000278	03/13/91
000279	03/13/91
000280	03/13/91
000281	03/13/91
000282	03/13/91
000283	03/13/91

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FD PAY-TABLE-INPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-INPUT-REC PIC X(25).

FD PAY-TABLE-OUTPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-OUTPUT-REC PIC X(25).
    
```

WORKING-STORAGE SECTION.

```

77 FILLER PIC X(37) VALUE
      'PBB00010 WORKING-STORAGE BEGINS HERE'.

EXEC SQL INCLUDE PBT001 END-EXEC.
EXEC SQL INCLUDE PBT002 END-EXEC.
EXEC SQL INCLUDE PBT006 END-EXEC.
EXEC SQL INCLUDE PBT007 END-EXEC.
EXEC SQL INCLUDE PBT010 END-EXEC.
EXEC SQL INCLUDE PBT900 END-EXEC.

77 SQL-DRAFT-DATE PIC S9(6) COMP VALUE ZEROS.
77 SQL-PREV-SSN PIC S9(9) COMP VALUE ZEROS.
    
```

EXEC SQL INCLUDE SQLCA END-EXEC.

-IMC SQLFLDS

```

77 COMP-STATUS PIC XX.
77 WS-COMP-KEY PIC X(10) VALUE 'AAA'.
    
```

FPRODATE

```

*-----*
* THE FOLLOWING SWITCH CAN BE INITIALIZED TO 'Y'
* TO INDICATE THAT CERTAIN CODE THAT SHOULD (OR SHOULD NOT)
* BE EXECUTED DURING A NON-PRODUCTION RUN.
* UPDATES OF THE DB2 TABLES ARE BYPASSED AND A CHECK AMOUNT OF
* ZERO IS USED WHEN THE SWITCH IS SET TO 'Y'.
*-----*
01 TEST-PGM-SW PIC X(1) VALUE 'N'.
08 TEST-PGM VALUE 'Y'.
*****
    
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000284	03/13/91
000285	03/13/91
000286	03/13/91
000287	05/25/91
000288	03/13/91
000289	03/13/91
000290	03/13/91
000291	03/13/91
000292	05/25/91
000293	03/13/91
000294	03/13/91
000295	
000296	
000297	
000298	
000299	
000300	
000301	
000302	
000303	
000304	
000305	05/25/91
000306	05/25/91
000307	05/25/91
000308	05/25/91
000309	05/25/91
000310	03/13/91
000311	03/13/91
000312	
000313	03/13/91
000314	
000315	
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% 000318	11/14/90
000319	
000320	
000321	
000322	
% 000323	11/14/90
000324	
000325	05/25/91
000326	05/25/91
000327	05/25/91
000328	05/25/91
000329	05/25/91
000330	05/25/91
000331	05/25/91
000332	05/25/91
000333	05/25/91
000334	

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 \* LEVEL 88 SWITCHES \*  
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01 PROGRAM-INDICATORS.

05	PAYTBL-INPUT-EOF-SW	PIC X	VALUE 'N'.	000335	05/25/91
88	END-OF-TBLIN		VALUE 'Y'.	000336	03/13/91
88	NOT-END-OF-TBLIN		VALUE 'N'.	000337	03/13/91
				000338	03/13/91
05	INPUT-EOF-SW	PIC X	VALUE 'N'.	000339	
88	EOF		VALUE 'Y'.	000340	
				000341	
05	PAY-BY-PHONE-SW	PIC X	VALUE 'N'.	000342	
88	PAY-BY-PHONE		VALUE 'Y'.	000343	
				000344	
05	IS-CONSUMER-IN-ERROR	PIC X	VALUE 'Y'.	000345	
88	CONSUMER-IN-ERROR		VALUE 'N'.	000346	
				000347	
05	ARE-MRCH-RO-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000348	
88	MRCH-RO-HEADING-NOT-WRITTEN		VALUE 'N'.	000349	
				000350	
05	ARE-CONS-RO-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000351	
88	CONS-RO-HEADING-NOT-WRITTEN		VALUE 'N'.	000352	
				000353	
05	ARE-CONS-RO-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000354	
88	CONS-RO-HEADING-NOT-WRITTEN		VALUE 'N'.	000355	
				000356	
05	ARE-MRCH-ERR-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000357	
88	MRCH-ERR-HEADING-NOT-WRITTEN		VALUE 'N'.	000358	
				000359	
05	ARE-CONS-ERR-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	000360	
88	CONS-ERR-HEADING-NOT-WRITTEN		VALUE 'N'.	000361	
				000362	
05	ARE-CONS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000363	
88	CONS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000364	
				000365	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000366	
88	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	000367	
				000368	
05	ARE-CONS-RO-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000369	
88	CONS-RO-DETAIL-NOT-WRITTEN		VALUE 'N'.	000370	
				000371	
05	ARE-MRCH-RO-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	000372	
88	MRCH-RO-DETAIL-NOT-WRITTEN		VALUE 'N'.	000373	
				000374	
05	IS-RECORD-IN-ERROR	PIC X	VALUE 'Y'.	000375	
88	RECORD-IN-ERROR		VALUE 'Y'.	000376	
				000377	
05	IS-PAY-TABLE-ITEM-FOUND	PIC X	VALUE 'N'.	000378	
88	PAY-TABLE-ITEM-FOUND		VALUE 'Y'.	000379	
				000380	
05	IS-PAY-TABLE-ITEM-NOT-FOUND	PIC X	VALUE 'N'.	000381	
88	PAY-TABLE-ITEM-NOT-FOUND		VALUE 'Y'.	000382	
				000383	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'N'.	000384	
				000385	

05	ALL-STLCODE-PROCESSED-SW	PIC X(1)	VALUE 'N'.	000386	05/25/91
05	ALL-STLCODE-PROCESSED		VALUE 'N'.	000387	05/25/91
05	ALL-STLCODE-NOT-PROCESSED		VALUE 'N'.	000388	05/25/91
05	STLCODE-IN-TABLE-SW	PIC X(1)	VALUE 'N'.	000389	05/25/91
05	STLCODE-IN-TABLE		VALUE 'N'.	000390	05/25/91
05	STLCODE-NOT-IN-TABLE		VALUE 'N'.	000391	05/25/91
05	RESTART-RESPONSE	PIC X(01) VALUE SPACE.		000392	05/25/91
05	WS-COMMIT-INTERVAL	PIC S9(9) COMP VALUE 0.		000393	05/25/91
05	WS-COMMIT-COUNTER	PIC S9(9) COMP VALUE 0.		000394	05/25/91
05	WS-TOTALS.			000395	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000396	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000397	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000398	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000399	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000400	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000401	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000402	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000403	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000404	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000405	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000406	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000407	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000408	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000409	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000410	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000411	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000412	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000413	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000414	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000415	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000416	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000417	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000418	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000419	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000420	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000421	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000422	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000423	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000424	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000425	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000426	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000427	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000428	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000429	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000430	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000431	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000432	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000433	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000434	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000435	05/25/91
05	WS-LAST-COMMIT-COUNT	PIC 9(09) VALUE 0.		000436	05/25/91



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01 WS-HOLD-DRAFT.

05 DRAFT-EXTENSION

05 DRAFT-EXTENSION-99 REDEFINES DRAFT-EXTENSION PIC 99.

05 FILLER

01 WS-HOLD-ACH.

05 DAY-NIGHT-ACH

88 DAY-ACH

88 NIGHT-ACH

05 FILLER

01 WS-ROLLBACK-CNT.

05 WS-ROLLBACK-CNTR

05 FILLER

01 WS-ROLLBACK-COUNT

DRAFTITEM

\*\*\*\*\*

\* PHONE NUMBER AREA \*

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01 WS-PHONE-NUMBER-AREA.

05 WS-PHONE-NUMBER-IN.

10 WS-AREA-CODE-IN

10 WS-PHONE-EXCHG-IN

10 WS-PHONE-EXT-IN

05 WS-PHONE-NUMBER-OUT.

10 WS-AREA-CODE-OUT

10 FILLER

10 WS-PHONE-EXCHG-OUT

10 FILLER

10 WS-PHONE-EXT-OUT

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\* TRACE NUMBER \*

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01 WS-TRACE-NUMBER-AREA.

05 WS-TRACE-NBR.

10 FILLER

10 WS-TRACE-YY

10 WS-TRACE-DDD

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03/13/91

03/13/91





05	WS-YEAR-WORK.	PIC X(02)	VALUE ZEROS.	000590
10	FILLER	PIC 9(02)	VALUE ZEROS.	000591
10	WS-VY-LAST2		000592	
			000593	
05	DRAFT-DATE-PLUS-DEF	PIC 9(06)	VALUE ZEROS.	000594
			000595	
05	DRAFT-DATE	PIC 9(06)	VALUE ZEROS.	000596
			000597	
05	WS-TRANS-DATE.	PIC 99	VALUE ZEROS.	000598
10	WS-TRANS-YEAR	PIC X	VALUE '/'.	000599
10	FILLER	PIC 99	VALUE ZEROS.	000600
10	WS-TRANS-MONTH	PIC X	VALUE '/'.	000601
10	FILLER	PIC X	VALUE '/'.	000602
10	WS-TRANS-DAY	PIC 99	VALUE ZEROS.	000603
			000604	
05	WS-DELETED-DATE.	PIC X(07)	VALUE 'DELETED'.	000605
10	FILLER	PIC X.		000606
10	WS-DEL-PAY-TYPE			000607
				000608
05	WS-DATE-MDY-WITH-SLASHES.	PIC 9(02)	VALUE ZEROS.	000609
10	WS-M-MDY-SLASHES	PIC X	VALUE '/'.	000610
10	FILLER	PIC 9(02)	VALUE ZEROS.	000611
10	WS-D-MDY-SLASHES	PIC X	VALUE '/'.	000612
10	FILLER	PIC X	VALUE '/'.	000613
10	WS-Y-MDY-SLASHES	PIC 9(02)	VALUE ZEROS.	000614
			000615	
05	WS-DATE-YMD.	PIC 9(02)	VALUE ZEROS.	000616
10	WS-Y-YMD	PIC 9(02)	VALUE ZEROS.	000617
10	WS-M-YMD	PIC 9(02)	VALUE ZEROS.	000618
10	WS-D-YMD	PIC 9(02)	VALUE ZEROS.	000619
			000620	
05	WS-DATE-MDY.	PIC 9(02)	VALUE ZEROS.	000621
10	WS-M-MDY	PIC 9(02)	VALUE ZEROS.	000622
10	WS-D-MDY	PIC 9(02)	VALUE ZEROS.	000623
10	WS-Y-MDY	PIC 9(02)	VALUE ZEROS.	000624
			000625	
05	WS-CURRENT-DATE	PIC 9(06)	VALUE ZEROS.	000626
05	FILLER REDEFINES WS-CURRENT-DATE.			000627
10	CD-YR	PIC 9(02).		000628
10	CD-MONTH	PIC 9(02).		000629
10	CD-DAY	PIC 9(02).		000630
			000631	
05	WS-TIME	PIC 9(08)	VALUE ZEROS.	000632
05	FILLER REDEFINES WS-TIME.			000633
10	WS-HH	PIC 99.		000634
10	WS-MM	PIC 99.		000635
10	WS-SS	PIC 99.		000636
10	FILLER	PIC 99.		000637
			000638	
			000639	
05	WS-TRANS-TIME.	PIC 99	VALUE ZEROS.	000640
10	WS-HOUR			

05 WS-SQL-DATE. PIC 99 VALUE ZEROS.  
 10 WS-SQL-DATE-FILLER PIC 9 VALUE ZEROS.  
 10 WS-SQL-DATE-YMD PIC 9(6) VALUE ZEROS.

-INC TRKFLDS

-INC FDATAFLDS

01 WS-SC-LIT. PIC X(03) VALUE 'SC'.  
 05 FILLER PIC X(02) VALUE SPACES.  
 05 WS-SC-CODE PIC X(02) VALUE SPACES.

01 WS-PRINT-LINE. PIC X(9) VALUE SPACES.  
 05 JUNK-COMMIT-KEY PIC X(11) VALUE SPACES.  
 05 CC-LINE PIC X(132) VALUE SPACES.  
 05 JUNK-LINE PIC X(132) VALUE SPACES.

01 WS-PRINT-LINE2 PIC X(132) VALUE SPACES.

01 TRANFREE-SC-TABLE. PIC S9(8) COMP VALUE ZERO.  
 05 TRANFREE-TBL-ENTRIES PIC S9(8) COMP VALUE ZERO.  
 05 TRANFREE-CURR-ENTRY PIC S9(8) COMP VALUE +1500.  
 05 TRANFREE-MAX-ENTRIES PIC S9(8) COMP VALUE +1500.  
 05 TRANFREE-SC-ENTRY OCCURS 1500 TIMES  
 INDEXED BY TFR-IDX.  
 10 TFR-TBL-SC-CODE PIC X(2) VALUE SPACES.  
 10 TFR-TBL-SC-ITEMS PIC S9(6) COMP-3 VALUE +0.  
 10 TFR-TBL-SC-DOLLARS PIC S9(9)V9(2) COMP-3 VALUE +0.

01 TRANFREE-PAY-TABLE-REC. PIC 9(9).  
 05 TFR-PAY-TBL-COMMIT PIC S9(8) COMP.  
 05 TFR-PAY-TBL-NBR PIC X(12).  
 05 TFR-PAY-TBL-ENTRY PIC X(12).

\*\*\*\*\*  
 \* OUTPUT DEFINITIONS\*  
 \*\*\*\*\*  
 01 WS-HEADINGS-FOR-ROLLOVER.

05 RO-HEADING-1. PIC X(11) VALUE  
 10 FILLER 'PBB00010.20'.  
 10 FILLER PIC X(13) VALUE SPACES.  
 10 FILLER PIC X(43) VALUE SPACES.  
 10 FILLER 'CHECKFREE CORPORATION - CONSUMER SERVICES'.  
 10 FILLER PIC X(28) VALUE SPACES.  
 10 FILLER PIC X(9) VALUE  
 04/14/91

000641 05/25/91  
 000642 05/25/91  
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 000691 05/25/91

05	10	RO-HEADING-2.	PIC X(17)	VALUE SPACES.	000692	
	10	FILLER	PIC X(17)	VALUE	000693	
	10	FILLER	PIC X(17)	VALUE	000694	
	10	FILLER	PIC X(17)	VALUE	000695	
	10	FILLER	PIC X(17)	VALUE	000696	
	10	FILLER	PIC X(17)	VALUE	000697	
	10	FILLER	PIC X(17)	VALUE	000698	
	10	FILLER	PIC X(17)	VALUE	000699	
	10	FILLER	PIC X(17)	VALUE	000700	
	10	FILLER	PIC X(17)	VALUE	000701	
	10	FILLER	PIC X(17)	VALUE	000702	
	10	FILLER	PIC X(17)	VALUE	000703	
	10	FILLER	PIC X(17)	VALUE	000704	
	10	FILLER	PIC X(17)	VALUE	000705	
	10	FILLER	PIC X(17)	VALUE	000706	
	10	FILLER	PIC X(17)	VALUE	000707	
	10	FILLER	PIC X(17)	VALUE	000708	
	10	FILLER	PIC X(17)	VALUE	000709	
	10	FILLER	PIC X(17)	VALUE	000710	
	10	FILLER	PIC X(17)	VALUE	000711	
	10	FILLER	PIC X(17)	VALUE	000712	
	10	FILLER	PIC X(17)	VALUE	000713	
	10	FILLER	PIC X(17)	VALUE	000714	
	10	FILLER	PIC X(17)	VALUE	000715	
	10	FILLER	PIC X(17)	VALUE	000716	
	10	FILLER	PIC X(17)	VALUE	000717	
	10	FILLER	PIC X(17)	VALUE	000718	
	10	FILLER	PIC X(17)	VALUE	000719	
	10	FILLER	PIC X(17)	VALUE	000720	
	10	FILLER	PIC X(17)	VALUE	000721	
	10	FILLER	PIC X(17)	VALUE	000722	
	10	FILLER	PIC X(17)	VALUE	000723	
	10	FILLER	PIC X(17)	VALUE	000724	
	10	FILLER	PIC X(17)	VALUE	000725	
	10	FILLER	PIC X(17)	VALUE	000726	
	10	FILLER	PIC X(17)	VALUE	000727	
	10	FILLER	PIC X(17)	VALUE	000728	
	10	FILLER	PIC X(17)	VALUE	000729	
	10	FILLER	PIC X(17)	VALUE	000730	
	10	FILLER	PIC X(17)	VALUE	000731	
	10	FILLER	PIC X(17)	VALUE	000732	
	10	FILLER	PIC X(17)	VALUE	000733	
	10	FILLER	PIC X(17)	VALUE	000734	
	10	FILLER	PIC X(17)	VALUE	000735	
	10	FILLER	PIC X(17)	VALUE	000736	
	10	FILLER	PIC X(17)	VALUE	000737	
	10	FILLER	PIC X(17)	VALUE	000738	
	10	FILLER	PIC X(17)	VALUE	000739	
	10	FILLER	PIC X(17)	VALUE	000740	
	10	FILLER	PIC X(17)	VALUE	000741	
	10	FILLER	PIC X(17)	VALUE	000742	

01 WS-DETAILS-FOR-ROLLOVER.  
10 FILLER

PIC X(05)

VALUE SPACES.

000743  
000744  
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05 WS-DETAILS-FOR-ROLLOVER.  
10 FILLER

PIC X(11)

PIC X(02)

PIC X(20)

PIC X(01)

PIC X(10)

PIC X(02)

PIC X(01)

PIC X(05)

PIC X(04)

PIC X(12)

PIC X(02)

PIC 999

PIC X(03)

PIC X(28)

PIC X(02)

PIC X(25)

PIC X(02)

PIC Z,ZZZ,ZZZ.99

PIC X(03)

PIC X(08)

PIC X(05)

PIC X(08)

PIC X(06)

PIC X

PIC X(03)

PIC X(33)

PIC X(18)

PIC Z99

PIC X(06)

PIC X(19)

PIC X(11)

PIC X(02)

PIC X(01)

PIC X(05)

PIC X(12)

PIC X(02)

PIC X(01)

PIC X(05)

PIC X(04)

PIC X(12)

PIC 999

PIC X(03)

PIC X(28)

PIC X(02)

PIC X(25)

PIC X(02)

PIC Z,ZZZ,ZZZ.99

PIC X(03)

VALUE SPACES.

000743  
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10 FILLER 'GRAND TOTALS --' PIC X(18) VALUE 000794
10 FILLER 'TOTAL ITEMS PAID ' PIC X(18) VALUE 000795
10 GMD-TOT-ROL-ITEMS PIC ZZZZZZZZ9. 000796
10 FILLER PIC X(06) VALUE SPACES. 000797
10 FILLER PIC X(19) VALUE 000798
10 FILLER 'TOTAL DOLLARS PAID ' PIC X(19) VALUE 000799
10 GMD-TOT-ROL-DOLLARS PIC $$$,$$$,$$$,$$.99. 000800
10 FILLER PIC X(39) VALUE SPACES. 000801
04/14/91 000802
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05 GMD-TOT-ERR-DETAIL.
10 FILLER PIC X(28) VALUE
10 FILLER 'GRAND TOTALS ERRORS --' PIC X(18) VALUE
10 FILLER 'TOTAL ITEMS ERROR ' PIC ZZZZZZZZ9. 000809
10 GMD-TOT-ERR-ITEMS PIC X(06) VALUE SPACES. 000810
10 FILLER PIC X(19) VALUE 000811
10 FILLER 'TOTAL DOLLARS ERROR' PIC X(19) VALUE 000812
10 GMD-TOT-ERR-DOLLARS PIC $$$,$$$,$$$,$$.99. 000813
10 FILLER PIC X(39) VALUE SPACES. 000814
04/14/91 000815
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01 WS-HEADINGS-FOR-ERROR-REPT.

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05 ERR-HEADING-1.
10 FILLER PIC X(11) VALUE
10 FILLER 'PBB00010.21' PIC X(33) VALUE SPACES. 000822
10 FILLER 'CHECKFREE CORPORATION - CONSUMER SERVICES ' PIC X(43) VALUE 000823
10 FILLER PIC X(28) VALUE SPACES. 000824
10 FILLER PIC X(19) VALUE 000825
10 FILLER 'RUN DATE ' PIC X(9) VALUE 000826
10 ERR-RUN-DATE PIC X(8). 000827
04/14/91 000828
000829
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05 ERR-HEADING-2.
10 FILLER PIC X(49) VALUE SPACES. 000831
10 FILLER PIC X(23) VALUE 'DRAFT ERROR REPORT FOR ' 000832
10 FILLER PIC X(8). 000833
10 FILLER 'DRAFT ERROR REPORT FOR ' PIC X(42) VALUE SPACES. 000834
10 FILLER PIC X(5) VALUE 'PAGE ' 000835
10 ERR-PAGE-NUMBER PIC Z,ZZ9. 000836
04/14/91 000837
000838
000839
000840
000841
000842
000843
000844

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05 ERR-HEADING-3.
10 FILLER PIC X(04) VALUE SPACES. 000840
10 FILLER PIC X(03) VALUE 000841
10 FILLER 'SSN' PIC X(10) VALUE SPACES. 000842
000843
000844

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10 FILLER	PIC X(09)	VALUE	000845	
10 FILLER 'LAST NAME'.	PIC X(08)	VALUE SPACES.	000846	
10 FILLER	PIC X(10)	VALUE	000847	
10 FILLER 'FIRST NAME'.	PIC X(02)	VALUE SPACES.	000848	
10 FILLER	PIC X(02)	VALUE	000849	
10 FILLER 'MI'.	PIC X(01)	VALUE SPACES.	000850	
10 FILLER	PIC X(01)	VALUE	000851	
10 FILLER 'REASON FOR REJECTS'.	PIC X(18)	VALUE SPACES.	000852	
10 FILLER	PIC X(05)	VALUE	000853	
05 ERR-HEADING-4.		VALUE SPACES.	000854	
10 FILLER	PIC X(06)	VALUE	000855	
10 FILLER 'PC PHONE'.	PIC X(03)	VALUE SPACES.	000856	
10 FILLER	PIC X(03)	VALUE	000857	
10 FILLER 'CRP'.	PIC X(12)	VALUE SPACES.	000858	
10 FILLER	PIC X(08)	VALUE	000859	04/14/91
10 FILLER 'MERCHANT'.	PIC X(16)	VALUE SPACES.	000860	04/14/91
10 FILLER	PIC X(14)	VALUE	000861	04/14/91
10 FILLER 'ACCOUNT NUMBER'.	PIC X(04)	VALUE SPACES.	000862	04/14/91
10 FILLER	PIC X(04)	VALUE	000863	04/14/91
10 FILLER 'TYPE'.	PIC X(04)	VALUE SPACES.	000864	
10 FILLER	PIC X(04)	VALUE	000865	
10 FILLER 'AMOUNT'.	PIC X(06)	VALUE SPACES.	000866	
10 FILLER	PIC X(05)	VALUE	000867	
10 FILLER 'PAY DATE'.	PIC X(08)	VALUE SPACES.	000868	
10 FILLER	PIC X(31)	VALUE	000869	
01 WS-DETAILS-FOR-ERROR.				
05 ERR-DETAIL-1.				
10 FILLER	PIC X(11)	VALUE SPACES.	000870	04/14/91
10 FILLER	PIC X(02)	VALUE	000871	04/14/91
10 FILLER 'ERR-LAST-NAME	PIC X(20)	VALUE SPACES.	000872	04/14/91
10 FILLER	PIC X(01)	VALUE	000873	04/14/91
10 FILLER 'ERR-FIRST-NAME	PIC X(10)	VALUE SPACES.	000874	04/14/91
10 FILLER	PIC X(02)	VALUE	000875	
10 FILLER	PIC X(01)	VALUE SPACES.	000876	
10 FILLER	PIC X(01)	VALUE	000877	
10 FILLER 'ERR-MI	PIC X(54)	VALUE SPACES.	000878	
10 FILLER	PIC X(29)	VALUE	000879	
10 FILLER 'ERR-MESSAGE	PIC X(01)	VALUE SPACES.	000880	
10 FILLER		VALUE	000881	
			000882	
			000883	
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			000885	
			000886	
			000887	
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			000889	
			000890	
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			000892	04/14/91
			000893	04/14/91
			000894	04/14/91
			000895	

05	ERR-DETAIL-2.				000896	
10	FILLER	PIC X(04)	VALUE SPACES.		000897	
10	ERR-PHONE-NUMBER	PIC X(12)			000898	
10	FILLER	PIC X(01)	VALUE SPACES.		000899	
10	ERR-CRP	PIC 999.			000900	
10	FILLER	PIC X(02)	VALUE SPACES.		000901	
10	ERR-MERCHANT	PIC X(24)			000902	04/14/91
10	FILLER	PIC X(02)	VALUE SPACES.		000903	
10	ERR-ACCOUNT-NUMBER	PIC X(25)			000904	
10	FILLER	PIC X(02)	VALUE SPACES.		000905	
10	ERR-PAYMENT-TYPE-1	PIC X(01)			000906	04/14/91
10	ERR-PAYMENT-TYPE-2	PIC X(01)			000907	04/14/91
10	FILLER	PIC X(02)	VALUE SPACES.		000908	04/14/91
10	ERR-AMOUNT	PIC Z,ZZZ,ZZZ.99.			000909	04/14/91
10	FILLER	PIC X(02)	VALUE SPACES.		000910	
10	ERR-PAY-DATE	PIC X(08)			000911	
10	FILLER	PIC X(02)	VALUE SPACES.		000912	
10	ERR-STATUS-DESC	PIC X(25)			000913	04/14/91
10	FILLER	PIC X(01)	VALUE SPACES.		000914	04/14/91
10	ERR-STATUS-CMT	PIC ZZZZZ9.			000915	04/14/91
10	FILLER	PIC X(01)	VALUE SPACES.		000916	04/14/91
05	ERR-DETAIL-3.				000917	04/14/91
10	FILLER	PIC X(15)	VALUE SPACES.		000918	04/14/91
10	ERR-STATUS-DESC	PIC X(25)			000919	04/14/91
10	FILLER	PIC X(01)	VALUE SPACES.		000920	04/14/91
10	ERR-STATUS-CMT	PIC ZZZZZ9.			000921	04/14/91
10	FILLER	PIC X(01)	VALUE SPACES.		000922	
01	WS-MESSAGE-STATUS.				000923	04/14/91
10	WS-ERR-MESSAGE-STATUS	PIC X(20).	VALUE ....		000924	04/14/91
10	FILLER	PIC X(01)			000925	04/14/91
10	WS-ERR-STATUS	PIC X(01).	VALUE ....		000926	04/14/91
10	FILLER	PIC X(01)			000927	04/14/91
10	FILLER	PIC X(08)	VALUE SPACES.		000928	04/14/91
01	WS-MESSAGE-LINES.				000929	
05	WS-ERR-MESSAGE-LINE.				000930	
10	FILLER	PIC X(103)	VALUE SPACES.		000931	
10	WS-ERR-MESSAGE	PIC X(29).			000932	
10	FILLER	PIC X(04)	VALUE SPACES.		000933	
10	FILLER	PIC X(31)	VALUE		000934	
10	FILLER	PIC X(04)	VALUE SPACES.		000935	
10	FILLER	PIC X(31)	VALUE		000936	
10	FILLER	PIC X(04)	VALUE SPACES.		000937	
10	FILLER	PIC X(31)	VALUE		000938	
10	FILLER	PIC X(04)	VALUE SPACES.		000939	
10	FILLER	PIC X(31)	VALUE		000940	
10	FILLER	PIC X(04)	VALUE SPACES.		000941	
10	FILLER	PIC X(31)	VALUE		000942	
10	FILLER	PIC X(04)	VALUE SPACES.		000943	
10	FILLER	PIC X(31)	VALUE		000944	
10	FILLER	PIC X(04)	VALUE SPACES.		000945	
10	FILLER	PIC X(31)	VALUE		000946	

01 WS-HEADINGS-FOR-SUMMARY-REPT.

05	SUM-HEADING-1.	PIC X(11)	VALUE	000947	
10	FILLER			000948	
	'PBB00010.22'	PIC X(33)	VALUE SPACES.	000949	
10	FILLER	PIC X(43)	VALUE	000950	
10	FILLER	PIC X(28)	VALUE SERVICES *	000951	
10	FILLER	PIC X(9)	VALUE SPACES.	000952	
10	SUM-RUN-DATE	PIC X(6)		000953	
	'RUN DATE '			000954	
05	SUM-HEADING-2.	PIC X(55)	VALUE SPACES.	000955	
10	FILLER	PIC X(21)	VALUE	000956	
10	FILLER	PIC X(46)	VALUE SPACES.	000957	
10	FILLER	PIC X(05)	VALUE	000958	
10	SUM-PAGE-NUMBER	PIC Z,ZZ9.		000959	
	'PAGE '			000960	
05	SUM-HEADING-3.	PIC X(50)	VALUE SPACES.	000961	
10	FILLER	PIC X(21)	VALUE	000962	
10	FILLER	PIC X(08)	VALUE SPACES.	000963	
10	FILLER	PIC X(53)	VALUE	000964	
10	SUM-DRAFT-DATE	PIC X(12)	VALUE SPACES.	000965	
	'FOR COLLECTION DATE: '			000966	
05	SUM-HEADING-4.	PIC X(26)	VALUE SPACES.	000967	
10	FILLER	PIC X(27)	VALUE	000968	
10	FILLER	PIC X(28)	VALUE SPACES.	000969	
10	FILLER	PIC X(30)	VALUE	000970	
10	FILLER	PIC X(21)	VALUE SPACES.	000971	
10	FILLER	PIC X(02)	VALUE SPACES.	000972	
10	FILLER	PIC X(03)	VALUE SPACES.	000973	
10	FILLER	PIC X(02)	VALUE SPACES.	000974	
10	FILLER	PIC X(02)	VALUE SPACES.	000975	
10	FILLER	PIC X(02)	VALUE SPACES.	000976	
10	FILLER	PIC X(02)	VALUE SPACES.	000977	
10	FILLER	PIC X(02)	VALUE SPACES.	000978	
10	FILLER	PIC X(02)	VALUE SPACES.	000979	
10	FILLER	PIC X(02)	VALUE SPACES.	000980	
10	FILLER	PIC X(02)	VALUE SPACES.	000981	
10	FILLER	PIC X(02)	VALUE SPACES.	000982	
10	FILLER	PIC X(02)	VALUE SPACES.	000983	
10	FILLER	PIC X(02)	VALUE SPACES.	000984	
10	FILLER	PIC X(02)	VALUE SPACES.	000985	
10	FILLER	PIC X(02)	VALUE SPACES.	000986	
10	FILLER	PIC X(02)	VALUE SPACES.	000987	
10	FILLER	PIC X(02)	VALUE SPACES.	000988	
10	FILLER	PIC X(02)	VALUE SPACES.	000989	
10	FILLER	PIC X(02)	VALUE SPACES.	000990	
10	FILLER	PIC X(02)	VALUE SPACES.	000991	
10	FILLER	PIC X(02)	VALUE SPACES.	000992	
10	FILLER	PIC X(02)	VALUE SPACES.	000993	
10	FILLER	PIC X(02)	VALUE SPACES.	000994	
10	FILLER	PIC X(02)	VALUE SPACES.	000995	
10	FILLER	PIC X(02)	VALUE SPACES.	000996	
10	FILLER	PIC X(02)	VALUE SPACES.	000997	



10 SUM-COL-DOLLARS	PIC \$\$\$,\$\$\$,\$\$\$,99.	VALUE SPACES.	000998	05/25/91
10 FILLER	PIC X(11)	VALUE SPACES.	000999	05/25/91
10 SUM-RMT-TYPE-LIT	PIC X(05)	VALUE SPACES.	001000	05/25/91
10 FILLER	PIC X(01)	VALUE SPACES.	001001	05/25/91
10 SUM-RMT-RMT-LIT	PIC X(11)	VALUE SPACES.	001002	05/25/91
10 FILLER	PIC X(01)	VALUE SPACES.	001003	05/25/91
10 SUM-RMT-ITEMS	PIC Z,ZZZ,ZZ9.	VALUE SPACES.	001004	05/25/91
10 FILLER	PIC X(02)	VALUE SPACES.	001005	05/25/91
10 SUM-RMT-FOR-LIT	PIC X(03)	VALUE SPACES.	001006	05/25/91
10 FILLER	PIC X(02)	VALUE SPACES.	001007	05/25/91
10 SUM-RMT-DOLLARS	PIC \$\$\$,\$\$\$,\$\$\$,99.	VALUE SPACES.	001008	05/25/91
10 FILLER	PIC X(09)	VALUE SPACES.	001009	
			001010	
			001011	
			001012	
			001013	
			001014	
			001015	01/02/91
			001016	
			001017	
			001018	
			001019	
			001020	
			001021	
			001022	
			001023	
			001024	
			001025	03/13/91
			001026	03/13/91
			001027	03/13/91
			001028	03/13/91
			001029	03/13/91
			001030	03/13/91
			001031	03/13/91
			001032	03/13/91
			001033	03/13/91
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			001036	03/13/91
			001037	03/13/91
			001038	03/13/91
			001039	03/13/91
			001040	03/13/91
			001041	03/13/91
			001042	05/25/91
			001043	05/25/91
			001044	03/13/91
			001045	03/13/91
			001046	03/13/91
			001047	03/13/91
			001048	03/13/91

PROCEDURE DIVISION.

MOVE 'PBB00010' TO SQL-PGM.

A000-MAINLINE.

EXEC SQL WHENEVER SQLWARNING GO TO ERRCCK END-EXEC.  
 EXEC SQL WHENEVER SQLERROR GO TO ERRCCK END-EXEC.  
 EXEC SQL WHENEVER NOT FOUND CONTINUE END-EXEC.

MOVE 'PBB00010' TO WS-PROGRAM-NAME.  
 MOVE 'SELECTING FROM T900\_PROG\_CONTROL' TO STEP-DENOTER.

EXEC SQL SELECT PC\_LAST\_COMMIT\_KEY,  
 PC\_COMMIT\_INTERVAL,  
 PC\_RESTART\_MODE  
 INTO :PC\_LAST\_COMMIT\_KEY,  
 :PC\_COMMIT\_INTERVAL,  
 :PC\_RESTART\_MODE  
 FROM T900\_PROG\_CONTROL  
 WHERE PC\_PROGRAM\_NAME = :WS-PROGRAM-NAME  
 END-EXEC.

DISPLAY 'PC-LAST-COMMIT-KEY : ' PC-LAST-COMMIT-KEY  
 DISPLAY 'PC-COMMIT-INTERVAL : ' PC-COMMIT-INTERVAL  
 DISPLAY 'PC-RESTART-MODE : ' PC-RESTART-MODE

IF SQLCODE EQUAL 100  
 GO TO ERRCCK.

IF PC-LAST-COMMIT-KEY NOT = SPACE AND  
 PC-RESTART-MODE NOT = 'Y'  
 DISPLAY 'POSSIBLE RESTART CONDITION PROGRAM '  
 WS-PROGRAM-NAME ' FROM LAST PRODUCTION RUN '

```

END-IF.
GO TO ERRCXK

IF PC-LAST-COMMIT-KEY NOT = SPACE
  DISPLAY 'RESTARTING PROGRAM ' MS-PROGRAM-NAME
  MOVE PC-LAST-COMMIT-KEY TO MS-LAST-KEY
  MOVE 'V' TO PC-RESTART-MODE
END-IF.

OPEN INPUT DATE-FILE.
OPEN INPUT CARDIN.

PERFORM A050-INITIALIZE THRU A050-INITIALIZE-EXIT.

CLOSE DATE-FILE.

*
* DECLARE CURSORS HERE.
*
MOVE 'DECLARE CURSOR T010' TO STEP-DENOTER.
EXEC SQL DECLARE T010 CURSOR FOR
  SELECT
    MS_SETTLE_CODE,
    MS_STATUS,
    MS_SETTLE_METH_IND
  FROM T010_MRCH_SETTLE
  WHERE
    MS_SETTLE_METH_IND = 'A'
    AND MS_STATUS = 'A'
  ORDER BY MS_SETTLE_CODE
END-EXEC.

MOVE 'DECLARE CURSOR T002' TO STEP-DENOTER.
EXEC SQL DECLARE T002 CURSOR
  FOR SELECT
    CP_SSN,
    CP_CHK_PHONE,
    CP_CHK_CR_PHONE,
    CP_MRCH_PHONE,
    CP_MRCH_CR_PHONE,
    CP_MRCH_NAME,
    CP_MRCH_AMT,
    CP_MRCH_PAY_DATE,
    CP_PAY_TYPE,
    CP_MBR_REMAIN,
    CP_STATUS,
    CP_ACGT_NBR,
    CP_PAY_FREQ,
    CP_CHG_DATE,
    CP_CHG_AMT,

```

```

001049 03/13/91
001050 03/13/91
001051 03/13/91
001052 03/13/91
001053 03/13/91
001054 03/13/91
001055 03/13/91
001056 03/13/91
001057 03/13/91
001058 03/13/91
001059
001060
001061
001062
001063
001064
001065
001066
001067
001068
001069 05/25/91
001070 05/25/91
001071 05/25/91
001072 05/25/91
001073 05/25/91
001074 05/25/91
001075 05/25/91
001076 05/25/91
001077 05/25/91
001078 05/25/91
001079 05/25/91
001080 05/25/91
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001098
001099

```

```

CP_LAST_TRANS_DATE,
CP_PRENOTE_DATE,
CP_PRENOTE_RESET,
CP_ACCT_SCHEME,
CP_CAT_NBR,
CP_MNEMONIC
FROM T002_CONSUMER_PAY
WHERE CP_SSN > :SQL-PREV-SSN
AND CP_MRCH_PAY_DATE <= :SQL-DRAFT-DATE
AND CP_MRCH_PAY_DATE <> 0
AND CP_MRCH_AMT <> 0
AND CP_STATUS IN ('A', 'P')
ORDER BY CP_SSN, CP_CHK_PHONE
END-EXEC.

```

```

OPEN INPUT MERCHANT-FILE.
IF MMR-STAT = '00' OR '97'
NEXT SENTENCE

```

```

ELSE
  DISPLAY 'MESSAGE FROM ' SQL-PGM ': '
  DISPLAY 'BAD OPEN ON MASTER MERCHANT '
  DISPLAY 'FILE.
  DISPLAY 'STATUS CODE IS: ' MMR-STAT
  DISPLAY 'PROGRAM HALTED. STOP JOB
  DISPLAY 'STREAM AND CORRECT PROBLEM.
  DISPLAY '
  DISPLAY 'MESSAGE FROM ' SQL-PGM ': '
  DISPLAY 'BAD OPEN ON MASTER MERCHANT '
  DISPLAY 'FILE.
  DISPLAY 'STATUS CODE IS: ' MMR-STAT
  DISPLAY 'PROGRAM HALTED. STOP JOB
  DISPLAY 'STREAM AND CORRECT PROBLEM.
  DISPLAY '
  GO TO ERRCMK.

```

```
EXEC SQL OPEN T010 END-EXEC.
```

```

PERFORM A079-READ-STLCODE
THRU A079-READ-STLCODE-EXIT.
PERFORM A075-LOAD-STLCODE-TBL
THRU A075-LOAD-STLCODE-TBL-EXIT
UNTIL ALL-STLCODE-PROCESSED.
MOVE 'CLOSE CURSOR T010' TO STEP-DENOTER.
EXEC SQL CL SE T010 END-EXEC.

```

```

IF PC-RESTART-MODE = 'Y'
  MOVE WS-LAST-KEY TO WS-TOTALS.
PERFORM 9100-LOAD-PAY-TBL THRU 9100-EXIT
MOVE WS-PREVIOUS-SSN TO SQL-PREV-SSN
DISPLAY 'LOAD WS-TOTALS ' WS-TOTALS
END-IF.

```

001100	
001101	
001102	
001103	
001104	
001105	
001106	
001107	03/13/91
001108	03/13/91
001109	03/13/91
001110	03/13/91
001111	
001112	
001113	
001114	
001115	
001116	03/13/91
001117	
001118	
001119	
001120	
001121	
001122	
001123	
001124	
001125	
001126	
001127	
001128	
001129	
001130	
001131	
001132	
001133	03/13/91
001134	05/25/91
001135	05/25/91
001136	05/25/91
001137	05/25/91
001138	05/25/91
001139	05/25/91
001140	05/25/91
001141	05/25/91
001142	05/25/91
001143	05/25/91
001144	03/13/91
001145	03/13/91
001146	03/13/91
001147	03/13/91
001148	03/13/91
001149	03/13/91
001150	03/13/91

```

MOVE 'OPEN CURSOR T002' TO STEP-DENOTER.
EXEC SQL OPEN T002 END-EXEC.
OPEN OUTPUT TRANHOLD-FILE
      PAY-TABLE-OUTPUT
      DRFTITEM-FILE
      ROLLOVER-REPORT
      ERROR-REPORT
      SUMMARY-REPORT.

PERFORM A100-MAIN THRU
      A100-MAIN-EXIT.

MOVE 'CLOSE CURSOR T002' TO STEP-DENOTER.
EXEC SQL CLOSE T002 END-EXEC.

IF WS-TOTAL-ERROR-LINES > 48
      PERFORM D100-ERROR-HEADINGS
            THRU D100-ERROR-HEADINGS-EXIT.

MOVE 'TOTAL OF SSM BY STATUS A' TO ERR-STATUS-DESC.
MOVE WS-STATUS-A-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS I' TO ERR-STATUS-DESC.
MOVE WS-STATUS-I-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS F' TO ERR-STATUS-DESC.
MOVE WS-STATUS-F-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS D' TO ERR-STATUS-DESC.
MOVE WS-STATUS-D-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS P' TO ERR-STATUS-DESC.
MOVE WS-STATUS-P-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

MOVE 'TOTAL OF SSM BY STATUS C' TO ERR-STATUS-DESC.
MOVE WS-STATUS-C-CNT TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

001151	03/13/91
001152	03/13/91
001153	03/13/91
001154	01/02/91
001155	03/13/91
001156	01/02/91
001157	
001158	
001159	
001160	03/13/91
001161	03/13/91
001162	
001163	
001164	
001165	04/14/91
001166	04/14/91
001167	04/14/91
001168	04/14/91
001169	04/14/91
001170	04/14/91
001171	04/14/91
001172	04/14/91
001173	04/14/91
001174	04/14/91
001175	04/14/91
001176	04/14/91
001177	04/14/91
001178	04/14/91
001179	04/14/91
001180	04/14/91
001181	04/14/91
001182	04/14/91
001183	04/14/91
001184	04/14/91
001185	04/14/91
001186	04/14/91
001187	04/14/91
001188	04/14/91
001189	04/14/91
001190	04/14/91
001191	04/14/91
001192	04/14/91
001193	04/14/91
001194	04/14/91
001195	04/14/91
001196	04/14/91
001197	04/14/91
001198	04/14/91
001199	04/14/91
001200	04/14/91
001201	04/14/91

COMPUTE WS-STATUS-TOT-CNT = WS-STATUS-A-CNT +  
 WS-STATUS-I-CNT +  
 WS-STATUS-F-CNT +  
 WS-STATUS-D-CNT +  
 WS-STATUS-P-CNT +  
 WS-STATUS-C-CNT.

MOVE SPACES  
 WRITE ERROR-REPORT-LINE. TO ERROR-REPORT-LINE.

MOVE 'TOTAL CONSUMERS IN ERROR ' TO ERR-STATUS-DESC.  
 MOVE WS-STATUS-TOT-CNT TO ERR-STATUS-CNT.  
 MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.  
 WRITE ERROR-REPORT-LINE.  
 CLOSE MERCHANT-FILE,  
 TRANHOLD-FILE,  
 DRFTITEM-FILE,  
 ROLLOVER-REPORT,  
 ERROR-REPORT,  
 SUMMARY-REPORT,  
 CARDIN.

STOP RUN.

MOVE SPACE TO PC-LAST-COMMIT-KEY

PC-RESTART-MODE.

PERFORM 9000-COMMIT-WORK THRU

9000-EXIT

STOP RUN.

A000-MAINLINE-EXIT.

EXIT.

A050-INITIALIZE.

ACCEPT WS-CURRENT-DATE FROM DATE.

MOVE CD-YR TO WS-TRANS-YEAR.

MOVE CD-MONTH TO WS-TRANS-MONTH.

MOVE CD-DAY TO WS-TRANS-DAY.

ACCEPT WS-TIME FROM TIME.

MOVE WS-HH TO WS-HOUR.

MOVE WS-MM TO WS-MIN.

MOVE WS-COMP-KEY TO COMP-CTL-KEY.

READ DATE-FILE INTO WS-DATE-RECORD.

IF COMP-STATUS = '00'

NEXT SENTENCE

ELSE

DISPLAY 'MESSAGE FROM ' SQL-FGM ' :

DISPLAY 'BAD READ ON AECOMP DATE FILE.'

DISPLAY 'STATUS CODE IS: ' COMP-STATUS

DISPLAY 'PROGRAM HALTED. STOP JOB '

001202	04/14/91
001203	04/14/91
001204	04/14/91
001205	04/14/91
001206	04/14/91
001207	04/14/91
001208	04/14/91
001209	04/14/91
001210	04/14/91
001211	04/14/91
001212	04/14/91
001213	04/14/91
001214	04/14/91
001215	04/14/91
001216	
001217	
001218	
001219	
001220	
001221	
001222	
001223	
001224	03/13/91
001225	03/13/91
001226	03/13/91
001227	03/13/91
001228	03/13/91
001229	
001230	
001231	
001232	
001233	
001234	
001235	
001236	01/02/91
001237	
001238	
001239	
001240	
001241	01/02/91
001242	
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001251	
001252	

```
DISPLAY 'STREAM AND CORRECT PROBLEM.'
DISPLAY
DISPLAY 'MESSAGE FROM ' SQL-PGM ':
DISPLAY 'BAD READ ON AECOMP DATE FILE.'
DISPLAY 'STATUS CODE IS: ' COMP-STATUS
DISPLAY 'PROGRAM HALTED. STOP JOB
DISPLAY 'STREAM AND CORRECT PROBLEM.'
CLOSE DATE-FILE
GO TO ERRCBK.
```

03/13/91

```
MOVE AECO-CTL-TOD-FMT-DT TO DRAFT-DATE.
***** CONVERT DRAFT-DATE TO DRAFT-DATE-PLUS-DEF
MOVE DRAFT-DATE TO DATE-HDDYVVY.
PERFORM GREGORIAN-TO-JULIAN THRU
GREGORIAN-TO-JULIAN-EXIT.
MOVE 'D' TO DATE-PERIOD.
```

```
IF MORE-CARDIN
  READ CARDIN INTO WS-HOLD-DRAFT AT END
  MOVE 'N' TO WS-CARDIN-SW.
IF DRAFT-EXTENSION NOT NUMERIC
  DISPLAY 'MESSAGE FROM ' SQL-PGM ':
  DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
  DISPLAY 'VALUE SET IN JCL IS NON-NUMERIC.
  DISPLAY 'STOP JOB STREAM AND CORRECT THIS
  DISPLAY 'PROBLEM.
  DISPLAY
  DISPLAY 'MESSAGE FROM ' SQL-PGM ':
  DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
  DISPLAY 'VALUE SET IN JCL IS NON-NUMERIC.
  DISPLAY 'STOP JOB STREAM AND CORRECT THIS
  DISPLAY 'PROBLEM.
  GO TO ERRCBK.
```

03/13/91

```
IF DRAFT-EXTENSION-99 > 99
  DISPLAY 'MESSAGE FROM ' SQL-PGM ':
  DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
  DISPLAY 'VALUE SET IN JCL IS TOO BIG.
  DISPLAY 'STOP JOB STREAM AND CORRECT THIS
  DISPLAY 'PROBLEM.
  DISPLAY
  DISPLAY 'MESSAGE FROM ' SQL-PGM ':
  DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
  DISPLAY 'VALUE SET IN JCL IS TOO BIG.
  DISPLAY 'STOP JOB STREAM AND CORRECT THIS
  DISPLAY 'PROBLEM.
  GO TO ERRCBK.
```

03/13/91

001253  
001254  
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001257  
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001301  
001302  
001303



MOVE WS-77-DATE-7DIGITS TO WS-SQL-DATE.  
 MOVE WS-SQL-DATE-YMD TO WS-DATE-MDY.  
 MOVE WS-Y-MDY TO WS-Y-MDY-SLASHES  
 MOVE WS-M-MDY TO WS-M-MDY-SLASHES  
 MOVE WS-D-MDY TO WS-D-MDY-SLASHES  
 MOVE WS-DATE-MDY-WITH-SLASHES TO NO-RUN-DATE,  
 ERR-RUN-DATE,  
 SUN-RUN-DATE.

MOVE WS-Y-MDY TO HOLD-Y-FFMMDDYY  
 MOVE WS-M-MDY TO HOLD-M-FFMMDDYY  
 MOVE WS-D-MDY TO HOLD-D-FFMMDDYY  
 MOVE 00 TO HOLD-F-FFMMDDYY  
 MOVE WS-HOLD-DATE-FFMMDDYY TO DATE-MDDYYYY  
 PERFORM GREGORIAN-TO-JULIAN THRU  
 GREGORIAN-TO-JULIAN-EXIT  
 MOVE DATE-YYYY TO WS-TRACE-VY.  
 MOVE DATE-DDD TO WS-TRACE-DDD.

\*\*\*\*\* INITIALIZE THE DRAFTED ITEMS FILE.  
 MOVE ZEROS TO DRAFT-RECORD.  
 MOVE SPACES TO DRAFT-NRCH-DELETE,  
 DRAFT-NRCH-MNEMONIC,  
 DRAFT-PAY-TYPE,  
 DRAFT-PAY-STATUS,  
 DRAFT-NRCH-NAME,  
 DRAFT-CHECK-DIGIT.

A050-INITIALIZE-EXIT.  
 EXIT.

A075-LOAD-STLCODE-TBL.  
 IF TRANFREE-TBL-ENTRIES EQUAL TRANFREE-MAX-ENTRIES  
 DISPLAY 'SETTLEMENT CODE TABLE OVERFLOW'  
 GO TO ERCHK.  
 ADD 1 TO TRANFREE-TBL-ENTRIES.  
 SET TFR-IDX TO TRANFREE-TBL-ENTRIES.  
 MOVE MS-SETTLE-CODE TO TFR-TBL-SC-CODE (TFR-IDX).  
 MOVE ZERO TO TFR-TBL-SC-ITEMS (TFR-IDX).  
 MOVE ZERO TO TFR-TBL-SC-DOLLARS (TFR-IDX).  
 PERFORM A079-READ-STLCODE  
 THRU A079-READ-STLCODE-EXIT.  
 A075-LOAD-STLCODE-TBL-EXIT.  
 EXIT.

A079-READ-STLCODE.  
 MOVE 'FETCHING FROM T010' TO STEP-DEMONTER.  
 EXEC SQL FETCH T010  
 INTO  
 :MS-SETTLE-CODE,  
 :MS-STATUS,  
 :MS-SETTLE-METH-IND

001355	11/14/90
001356	11/14/90
001357	11/14/90
001358	11/14/90
001359	11/14/90
001360	11/14/90
001361	11/14/90
001362	11/14/90
001363	11/14/90
001364	11/14/90
001365	11/14/90
001366	11/14/90
001367	11/14/90
001368	11/14/90
001369	11/14/90
001370	11/14/90
001371	11/14/90
001372	11/14/90
001373	11/14/90
001374	11/14/90
001375	11/14/90
001376	11/14/90
001377	11/14/90
001378	11/14/90
001379	11/14/90
001380	11/14/90
001381	03/13/91
001382	
001383	
001384	
001385	05/25/91
001386	05/25/91
001387	05/25/91
001388	05/25/91
001389	05/25/91
001390	05/25/91
001391	05/25/91
001392	05/25/91
001393	05/25/91
001394	05/25/91
001395	05/25/91
001396	05/25/91
001397	05/25/91
001398	
001399	05/25/91
001400	05/25/91
001401	05/25/91
001402	05/25/91
001403	05/25/91
001404	05/25/91
001405	05/25/91



END-EXEC.  
IF SQLCODE EQUAL 100  
MOVE 'V' TO ALL-STLCODE-PROCESSED-SW.  
A079-READ-STLCODE-EXIT.  
EXIT.

\*\*\*\*\*  
\* THE FOLLOWING MODULE IS THE MAIN INTERNAL DRIVER FOR THIS \*  
\* PROGRAM. \*  
\*\*\*\*\*

A100-MAIN.

PERFORM UNTIL EOF  
MOVE ZERO TO WS-COMMIT-COUNTER  
PERFORM A125-T002-CONS-PAY-FETCH  
THRU A125-T002-CONS-PAY-FETCH-EXIT  
UNTIL EOF

END-PERFORM.

IF WS-TOTAL-ROLLOVER-LINES > 0  
AND NOT = 999  
PERFORM C400-TOTAL-BREAK  
THRU C400-TOTAL-BREAK-EXIT.  
IF WS-TOTAL-ERROR-LINES > 0  
AND NOT = 999

PERFORM D400-TOTAL-BREAK  
THRU D400-TOTAL-BREAK-EXIT.  
PERFORM I100-CREDIT-OFFSETS  
THRU I100-CREDIT-OFFSETS-EXIT.  
PERFORM J200-WRITE-GRAND-SUMMARY  
THRU J200-WRITE-GRAND-SUMMARY-EXIT.

\*\*\* THE FOLLOWING WILL CREATE A GRAND TOTAL LINE ON THE DETAIL  
\*\*\* DRAFT REPORT.  
\*\*\*

MOVE TFR-RMT-TOT-ITEMS TO GND-TOT-ROL-ITEMS.  
MOVE TFR-RMT-TOT-DOLLARS TO GND-TOT-ROL-DOLLARS.  
MOVE SPACES TO ROLLOVER-REPORT-LINE.  
MOVE GND-TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.  
MOVE '0' TO CC-LINE  
MOVE 2 TO ADVANCE-AMOUNT.  
PERFORM C900-WRITE-ROLL-LINE  
THRU C900-WRITE-ROLL-LINE-EXIT.

\*\*\* THE FOLLOWING WILL CREATE A GRAND TOTAL ERROR LINE ON THE  
\*\*\* DETAIL DRAFT REPORT.  
\*\*\*

MOVE WS-GND-TOT-ERR-ITEMS TO GND-TOT-ERR-ITEMS.  
MOVE WS-GND-TOT-ERR-DOLLARS TO GND-TOT-ERR-DOLLARS.  
MOVE SPACES TO ROLLOVER-REPORT-LINE.

001406 05/25/91  
001407 05/25/91  
001408 05/25/91  
001409 05/25/91  
001410

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001418 03/13/91  
001419 03/13/91  
001420 03/13/91  
001421 03/13/91  
001422 03/13/91  
001423 03/13/91  
001424 03/13/91  
001425 03/13/91  
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001437 05/25/91  
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001441 05/25/91  
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001443 05/25/91  
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001446 03/13/91  
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001456





\*\*\*\*\*  
 \* THE FOLLOWING MODULES PRODUCE THE ROLLOVER REPORT FOR THIS \*  
 \* PROGRAM. \*  
 \*\*\*\*\*

C100-ROLL-HEADINGS.

MOVE 'N' TO ARE-CONS-RO-HEADINGS-WRITTEN.  
 MOVE 'N' TO ARE-HRCH-RO-HEADINGS-WRITTEN.  
 MOVE 'N' TO ARE-CONS-RO-DETAIL-WRITTEN.  
 MOVE 'N' TO ARE-HRCH-RO-DETAIL-WRITTEN.  
 MOVE ZEROS TO WS-TOTAL-ROLLOVER-LINES.  
 ADD 1 TO WS-ROLLOVER-PAGE-COUNT.  
 MOVE WS-ROLLOVER-PAGE-COUNT TO RO-PAGE-NUMBER.  
 MOVE SPACES TO ROLLOVER-REPORT-LINE.  
 MOVE RO-HEADING-1 TO ROLLOVER-REPORT-LINE.  
 PERFORM C800-WRITE-ROLL-PAGE  
 THRU C800-WRITE-ROLL-PAGE-EXIT.  
 MOVE SPACES TO ROLLOVER-REPORT-LINE.  
 MOVE ' ' TO CC-LINE  
 MOVE 1 TO ADVANCE-AMOUNT.  
 MOVE RO-HEADING-2 TO ROLLOVER-REPORT-LINE.  
 PERFORM C900-WRITE-ROLL-LINE  
 THRU C900-WRITE-ROLL-LINE-EXIT.  
 C100-ROLL-HEADINGS-EXIT.  
 EXIT.

C200-CONSUMER-ROLL-LINE.

IF FIRST-ROLL-RECORD  
 MOVE 'N' TO IS-THIS-FIRST-ROLL-RECORD  
 PERFORM C100-ROLL-HEADINGS  
 THRU C100-ROLL-HEADINGS  
 ELSE  
 IF WS-TOTAL-ROLLOVER-LINES > 45  
 AND  
 CP-SSN NOT = WS-PREVIOUS-ROLL-SSN  
 PERFORM C400-TOTAL-BREAK  
 THRU C400-TOTAL-BREAK-EXIT  
 PERFORM C100-ROLL-HEADINGS  
 THRU C100-ROLL-HEADINGS-EXIT  
 ELSE  
 IF WS-TOTAL-ROLLOVER-LINES > 45  
 AND  
 CP-SSN = WS-PREVIOUS-ROLL-SSN  
 PERFORM C100-ROLL-HEADINGS  
 THRU C100-ROLL-HEADINGS-EXIT  
 ELSE  
 IF CP-SSN NOT = WS-PREVIOUS-ROLL-SSN  
 PERFORM C400-TOTAL-BREAK

001559  
 001560  
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03/13/91

THRU C400-TOTAL-BREAK-EXIT.

MOVE CP-SSN TO WS-PREVIOUS-ROLL-SSN.  
IF CONS-RO-HEADING-NOT-WRITTEN  
PERFORM C210-CONSUMER-HEADINGS  
THRU C210-CONSUMER-HEADINGS-EXIT.  
PERFORM C220-CONSUMER-DETAIL  
THRU C220-CONSUMER-DETAIL-EXIT.  
C200-CONSUMER-ROLL-LINE-EXIT.  
EXIT.

C210-CONSUMER-HEADINGS.

MOVE 'V' TO ARE-CONS-RO-HEADINGS-WRITTEN.  
MOVE SPACES TO ROLLOVER-REPORT-LINE.  
MOVE '-' TO CC-LINE  
MOVE 3 TO ADVANCE-AMOUNT.  
MOVE RO-HEADING-3 TO ROLLOVER-REPORT-LINE.  
PERFORM C900-WRITE-ROLL-LINE  
THRU C900-WRITE-ROLL-LINE-EXIT.  
C210-CONSUMER-HEADINGS-EXIT.  
EXIT.

C220-CONSUMER-DETAIL.

MOVE 'V' TO ARE-CONS-RO-DETAIL-WRITTEN.  
MOVE CP-SSN TO WS-77-SSN.  
MOVE WS-77-SSN TO WS-SSN-IN.  
MOVE WS-SSN-1ST3-IN TO WS-SSN-1ST3-OUT.  
MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.  
MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.  
MOVE WS-SSN-OUT TO RO-SSN.  
MOVE CF-LAST-NAME TO RO-LAST-NAME.  
MOVE CF-FIRST-NAME TO RO-FIRST-NAME.  
MOVE CF-MID-INIT TO RO-MI.  
MOVE SPACES TO ROLLOVER-REPORT-LINE.  
MOVE ' ' TO CC-LINE  
MOVE 1 TO ADVANCE-AMOUNT.  
MOVE RO-DETAIL-1 TO ROLLOVER-REPORT-LINE.  
PERFORM C900-WRITE-ROLL-LINE  
THRU C900-WRITE-ROLL-LINE-EXIT.  
C220-CONSUMER-DETAIL-EXIT.  
EXIT.

C300-MERCHANT-ROLL-LINE.

IF WS-TOTAL-ROLLOVER-LINES > 55  
PERFORM C100-ROLL-HEADINGS  
THRU C100-ROLL-HEADINGS-EXIT.

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03/13/91

IF CONS-RO-HEADING-NOT-WRITTEN  
 PERFORM C210-CONSUMER-HEADINGS  
 THRU C210-CONSUMER-HEADINGS-EXIT.  
 IF CONS-RO-DETAIL-NOT-WRITTEN  
 PERFORM C220-CONSUMER-DETAIL  
 THRU C220-CONSUMER-DETAIL-EXIT.  
 IF MRCH-RO-HEADING-NOT-WRITTEN  
 PERFORM C310-MERCHANT-HEADINGS  
 THRU C310-MERCHANT-DETAIL  
 PERFORM C320-MERCHANT-DETAIL  
 THRU C320-MERCHANT-DETAIL-EXIT.  
 C300-MERCHANT-ROLL-LINE-EXIT.  
 EXIT.

C310-MERCHANT-HEADINGS.  
 MOVE 'V' TO ARE-MRCH-RO-HEADINGS-WRITTEN.  
 MOVE SPACES TO ROLLOVER-REPORT-LINE.  
 MOVE '0' TO CC-LINE  
 MOVE 2 TO ADVANCE-AMOUNT.  
 MOVE RO-HEADING-4 TO ROLLOVER-REPORT-LINE.  
 PERFORM C900-WRITE-ROLL-LINE  
 THRU C900-WRITE-ROLL-LINE-EXIT.  
 C310-MERCHANT-HEADINGS-EXIT.  
 EXIT.

C320-MERCHANT-DETAIL.  
 MOVE CP-MRCH-PHONE TO WS-77-PHONE.  
 MOVE WS-77-PHONE TO WS-PHONE-NUMBER-IN  
 MOVE WS-AREA-CODE-IN TO WS-AREA-CODE-OUT  
 MOVE WS-PHONE-EXCHG-IN TO WS-PHONE-EXCHG-OUT  
 MOVE WS-PHONE-EXT-IN TO WS-PHONE-EXT-OUT  
 MOVE WS-PHONE-NUMBER-OUT TO RO-PHONE-NUMBER  
 MOVE CP-MRCH-CR-PHONE TO RO-CRP  
 MOVE CP-MRCH-NAME TO RO-MERCHANT  
 MOVE CP-ACCT-NBR TO RO-ACCOUNT-NUMBER  
 MOVE SPACES TO ROLLOVER-REPORT-LINE.  
 MOVE ' ' TO CC-LINE  
 MOVE 1 TO ADVANCE-AMOUNT.  
 MOVE RO-DETAIL-2 TO ROLLOVER-REPORT-LINE.  
 PERFORM C900-WRITE-ROLL-LINE  
 THRU C900-WRITE-ROLL-LINE-EXIT.  
 ADD WS-77-HOLD-PAY-AMOUNT TO WS-TOT-RO-DOLLARS.  
 ADD 1 TO WS-TOT-RO-ITEMS.  
 C320-MERCHANT-DETAIL-EXIT.  
 EXIT.

C400-TOTAL-BREAK.

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03/13/91

MOVE WS-TOT-RO-ITEMS TO TOT-ROL-ITEMS.  
 MOVE WS-TOT-RO-DOLLARS TO TOT-ROL-DOLLARS.  
 MOVE SPACES TO ROLLOVER-REPORT-LINE.  
 MOVE '0' TO CC-LINE  
 MOVE 2 TO ADVANCE-AMOUNT.  
 MOVE TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.  
 PERFORM C900-WRITE-ROLL-LINE  
 THRU C900-WRITE-ROLL-LINE-EXIT.  
 MOVE SPACES TO ROLLOVER-REPORT-LINE.  
 MOVE '0' TO CC-LINE  
 MOVE 2 TO ADVANCE-AMOUNT.  
 PERFORM C900-WRITE-ROLL-LINE  
 THRU C900-WRITE-ROLL-LINE-EXIT.

MOVE ZEROS TO WS-TOT-RO-ITEMS  
 WS-TOT-RO-DOLLARS.  
 C400-TOTAL-BREAK-EXIT.  
 EXIT.

C800-WRITE-ROLL-PAGE.  
 MOVE 0 TO WS-TOTAL-ROLOVER-LINES.  
 MOVE '1' TO CC-LINE.  
 MOVE ROLLOVER-REPORT-LINE TO JUNK-LINE.  
 MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.  
 WRITE ROLLOVER-REPORT-LINE FROM WS-PRINT-LINE.  
 ADD 1 TO WS-TOTAL-ROLOVER-LINES.  
 C800-WRITE-ROLL-PAGE-EXIT.  
 EXIT.

C900-WRITE-ROLL-LINE.  
 MOVE ROLLOVER-REPORT-LINE TO JUNK-LINE.  
 MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.  
 WRITE ROLLOVER-REPORT-LINE FROM WS-PRINT-LINE.  
 ADD ADVANCE-AMOUNT TO WS-TOTAL-ROLOVER-LINES.  
 C900-WRITE-ROLL-LINE-EXIT.  
 EXIT.

\*\*\*\*\*  
 \* THE FOLLOWING MODULES PRODUCE THE ERROR REPORT FOR THIS \*  
 \* PROGRAM. \*  
 \*\*\*\*\*  
 D100-ERROR-HEADINGS.  
 MOVE 'N' TO ARE-CONS-ERR-HEADINGS-WRITTEN.  
 MOVE 'N' TO ARE-MRCH-ERR-HEADINGS-WRITTEN.  
 MOVE 'N' TO ARE-CONS-ERR-DETAIL-WRITTEN.  
 MOVE 'N' TO ARE-MRCH-ERR-DETAIL-WRITTEN.  
 MOVE ZEROS TO WS-TOTAL-ERROR-LINES.

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001725	03/13/91
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001731	
001732	
001733	
001734	03/13/91
001735	03/13/91
001736	03/13/91
001737	03/13/91
001738	
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001742	
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001744	03/13/91
001745	03/13/91
001746	03/13/91
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ADD 1 TO WS-ERROR-PAGE-COUNT.
MOVE WS-ERROR-PAGE-COUNT TO ERR-PAGE-NUMBER.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ERR-HEADING-1 TO ERROR-REPORT-LINE.
PERFORM D800-WRITE-ERROR-PAGE
THRU D800-WRITE-ERROR-PAGE-EXIT.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE . . TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE ERR-HEADING-2 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
THRU D900-WRITE-ERROR-LINE-EXIT.
D100-ERROR-HEADINGS-EXIT.
EXIT.

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D200-CONSUMER-ERROR-LINE.
IF CF-STATUS = 'A'
  ADD 1 TO WS-STATUS-A-CNT
ELSE
  IF CF-STATUS = 'I'
    ADD 1 TO WS-STATUS-I-CNT
  ELSE
    IF CF-STATUS = 'F'
      ADD 1 TO WS-STATUS-F-CNT
    ELSE
      IF CF-STATUS = 'D'
        ADD 1 TO WS-STATUS-D-CNT
      ELSE
        IF CF-STATUS = 'P'
          ADD 1 TO WS-STATUS-P-CNT
        ELSE
          IF CF-STATUS = 'C'
            ADD 1 TO WS-STATUS-C-CNT.
          MOVE 'CONSUMER STATUS IS ' TO WS-ERR-MESSAGE-STATUS.
          MOVE CF-STATUS TO WS-ERR-STATUS.
          MOVE WS-MESSAGE-STATUS TO WS-ERR-MESSAGE.
        IF FIRST-ERROR-RECORD
          MOVE 'N' TO IS-FIRST-ERROR-RECORD
          PERFORM D100-ERROR-HEADINGS
          THRU D100-ERROR-HEADINGS
        ELSE
          IF WS-TOTAL-ERROR-LINES > 45
            AND
            CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
            PERFORM D400-TOTAL-BREAK
            THRU D400-TOTAL-BREAK-EXIT
            PERFORM D100-ERROR-HEADINGS
            THRU D100-ERROR-HEADINGS-EXIT

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001780	04/14/91
001781	04/14/91
001782	04/14/91
001783	04/14/91
001784	04/14/91
001785	04/14/91
001786	04/14/91
001787	04/14/91
001788	04/14/91
001789	04/14/91
001790	04/14/91
001791	04/14/91
001792	04/14/91
001793	04/14/91
001794	04/14/91
001795	04/14/91
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001797	04/14/91
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001800	04/14/91
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MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
MOVE WS-SSN-OUT TO ERR-SSN.
MOVE CF-LAST-NAME TO ERR-LAST-NAME.
MOVE CF-FIRST-NAME TO ERR-FIRST-NAME.
MOVE CF-MID-INIT TO ERR-MI.
MOVE WS-ERR-MESSAGE TO ERR-MESSAGE.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE ERR-DETAIL-1 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
THRU D900-WRITE-ERROR-LINE-EXIT.
D220-CONSUMER-DETAIL-EXIT.
EXIT.

D300-MERCHANT-ERROR-LINE.
IF FIRST-ERROR-RECORD
MOVE 'N' TO IS-THIS-FIRST-ERROR-RECORD
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS
ELSE
IF WS-TOTAL-ERROR-LINES > 45
AND
CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
AND
MRCH-ERR-DETAIL-NOT-WRITTEN
PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT
ELSE
IF WS-TOTAL-ERROR-LINES > 45
AND
CP-SSN = WS-PREVIOUS-ERROR-SSN
AND
MRCH-ERR-DETAIL-NOT-WRITTEN
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT
ELSE
IF CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT.
MOVE CP-SSN TO WS-PREVIOUS-ERROR-SSN.
IF WS-TOTAL-ERROR-LINES > 55
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT.
IF CONS-ERR-HEADING-NOT-WRITTEN

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001865	04/14/91
001866	
001867	04/14/91
001868	04/14/91
001869	04/14/91
001870	04/14/91
001871	04/14/91
001872	04/14/91
001873	
001874	
001875	03/13/91
001876	
001877	
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001893	03/13/91
001894	03/13/91
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001903	03/13/91
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PERFORM D210-CONSUMER-HEADINGS	001916	
THRU D210-CONSUMER-HEADINGS-EXIT.	001917	
IF CONS-ERR-DETAIL-NOT-WRITTEN	001918	
PERFORM D220-CONSUMER-DETAIL	001919	
THRU D220-CONSUMER-DETAIL-EXIT.	001920	
IF MRCH-ERR-HEADING-NOT-WRITTEN	001921	
PERFORM D310-MERCHANT-HEADINGS	001922	
THRU D310-MERCHANT-HEADINGS-EXIT.	001923	
IF MRCH-ERR-DETAIL-NOT-WRITTEN	001924	
PERFORM D320-MERCHANT-DETAIL	001925	04/14/91
THRU D320-MERCHANT-DETAIL-EXIT	001927	04/14/91
GO TO D300-MERCHANT-ERROR-LINE-EXIT.	001928	04/14/91
MOVE SPACES TO ERROR-REPORT-LINE.	001929	
MOVE ' ' TO CC-LINE.	001930	04/14/91
MOVE 1 TO ADVANCE-AMOUNT.	001931	
MOVE WS-ERR-MESSAGE-LINE TO ERROR-REPORT-LINE.	001932	
PERFORM D900-WRITE-ERROR-LINE	001933	
THRU D900-WRITE-ERROR-LINE-EXIT.	001934	
MOVE SPACES TO ERROR-REPORT-LINE.	001935	04/14/91
D300-MERCHANT-ERROR-LINE-EXIT.	001936	04/14/91
EXIT.	001937	
	001938	
	001939	
	001940	
	001941	
	001942	
	001943	
	001944	03/13/91
	001945	
	001946	
	001947	
	001948	
	001949	
	001950	
	001951	
	001952	
	001953	
	001954	
	001955	
	001956	04/14/91
	001957	
	001958	
	001959	
	001960	
	001961	
	001962	04/18/91
	001963	04/14/91
	001964	04/14/91
	001965	04/14/91
	001966	04/14/91

D310-MERCHANT-HEADINGS.

MOVE 'Y' TO ARE-MRCH-ERR-HEADINGS-WRITTEN.

MOVE SPACES TO ERROR-REPORT-LINE.

MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.

MOVE ERR-HEADING-4 TO ERROR-REPORT-LINE.

PERFORM D900-WRITE-ERROR-LINE

THRU D900-WRITE-ERROR-LINE-EXIT.

D310-MERCHANT-HEADINGS-EXIT.

EXIT.

D320-MERCHANT-DETAIL.

MOVE 'Y' TO ARE-MRCH-ERR-DETAIL-WRITTEN.

MOVE CP-CHK-PHONE TO WS-77-PHONE.

MOVE WS-77-PHONE TO WS-PHONE-NUMBER-IN

MOVE WS-AREA-CODE-IN TO WS-AREA-CODE-OUT

MOVE WS-PHONE-EXCHG-IN TO WS-PHONE-EXCHG-OUT

MOVE WS-PHONE-EXT-IN TO WS-PHONE-EXT-OUT

MOVE WS-PHONE-NUMBER-OUT TO ERR-PHONE-NUMBER

MOVE CP-CHK-CR-PHONE TO ERR-CRP

MOVE CP-MRCH-NAME TO ERR-MERCHANT

MOVE CP-ACCT-NBR TO ERR-ACCOUNT-NUMBER

MOVE CP-MRCH-AMT TO ERR-AMOUNT

IF CP-PAY-TYPE = 'F' OR CP-PAY-TYPE = 'V'  
 MOVE CP-PAY-TYPE TO ERR-PAYMENT-TYPE-1  
 MOVE SPACES TO ERR-PAYMENT-TYPE-2  
 ELSE  
 MOVE 'V' TO ERR-PAYMENT-TYPE-1  
 MOVE CP-PAY-TYPE TO ERR-PAYMENT-TYPE-2.

MOVE CP-MRCH-PAY-DATE TO WS-77-DATE.  
 MOVE WS-77-DATE TO WS-DATE-YMD  
 MOVE WS-V-YMD TO WS-Y-MDY-SLASHES  
 MOVE WS-M-YMD TO WS-M-MDY-SLASHES  
 MOVE WS-D-YMD TO WS-D-MDY-SLASHES  
 MOVE WS-DATE-MDY-WITH-SLASHES TO ERR-PAY-DATE.

MOVE SPACES TO ERROR-REPORT-LINE.  
 MOVE ' ' TO CC-LINE  
 MOVE 1 TO ADVANCE-AMOUNT.  
 MOVE ERR-DETAIL-2 TO ERROR-REPORT-LINE.  
 PERFORM D900-WRITE-ERROR-LINE  
 THRU D900-WRITE-ERROR-LINE-EXIT.

ADD CP-MRCH-AMT TO WS-TOT-ERR-DOLLARS.  
 ADD 1 TO WS-TOT-ERR-ITEMS.  
 D320-MERCHANT-DETAIL-EXIT.  
 EXIT.

D400-TOTAL-BREAK.

ADD WS-TOT-ERR-DOLLARS TO WS-GND-TOT-ERR-DOLLARS.  
 ADD WS-TOT-ERR-ITEMS TO WS-GND-TOT-ERR-ITEMS.  
 MOVE WS-TOT-ERR-ITEMS TO TOT-ERR-ITEMS.  
 MOVE WS-TOT-ERR-DOLLARS TO TOT-ERR-DOLLARS.  
 MOVE SPACES TO ERROR-REPORT-LINE.  
 MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.  
 MOVE TOT-ERR-DETAIL TO ERROR-REPORT-LINE.  
 PERFORM D900-WRITE-ERROR-LINE  
 THRU D900-WRITE-ERROR-LINE-EXIT.  
 MOVE SPACES TO ERROR-REPORT-LINE.  
 MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.  
 PERFORM D900-WRITE-ERROR-LINE  
 THRU D900-WRITE-ERROR-LINE-EXIT.  
 MOVE ZEROS TO WS-TOT-ERR-ITEMS  
 WS-TOT-ERR-DOLLARS.

D400-TOTAL-BREAK-EXIT.  
 EXIT.

D800-WRITE-ERROR-PAGE.  
 MOVE 0 TO WS-TOTAL-ERROR-LINES.  
 MOVE '1' TO CC-LINE.

001967	04/14/91
001968	04/14/91
001969	04/14/91
001970	04/14/91
001971	04/14/91
001972	04/14/91
001973	04/14/91
001974	04/14/91
001975	04/14/91
001976	04/14/91
001977	04/14/91
001978	04/14/91
001979	04/14/91
001980	04/14/91
001981	04/14/91
001982	04/14/91
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001998	04/14/91
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002000	04/14/91
002001	04/14/91
002002	04/14/91
002003	04/14/91
002004	04/14/91
002005	04/14/91
002006	04/14/91
002007	04/14/91
002008	04/14/91
002009	04/14/91
002010	04/14/91
002011	04/14/91
002012	04/14/91
002013	04/14/91
002014	04/14/91
002015	04/14/91
002016	04/14/91
002017	04/14/91

MOVE ERROR-REPORT-LINE TO JUNK-LINE.  
MOVE MS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.  
WRITE ERROR-REPORT-LINE FROM MS-PRINT-LINE  
ADD 1 TO MS-TOTAL-ERROR-LINES.  
D800-WRITE-ERROR-PAGE-EXIT.  
EXIT.

D900-WRITE-ERROR-LINE.  
MOVE ERROR-REPORT-LINE TO JUNK-LINE.  
MOVE MS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.  
WRITE ERROR-REPORT-LINE FROM MS-PRINT-LINE  
ADD ADVANCE-AMOUNT TO MS-TOTAL-ERROR-LINES.  
D900-WRITE-ERROR-LINE-EXIT.  
EXIT.

\*\*\*\*\* THE FOLLOWING MODULES EXTRACT INFORMATION FROM THESE TWO FILE \*\*\*\*\*  
\* T001\_CONSUMER\_FILE AND PB.MERCHANT.MASTER.FILE \*

E100-GET-CONSUMER-INFO.  
MOVE 'SELECT FROM T001 IN PARAGRAPH E100.  
TO STEP-DENOTER.  
MOVE 'N' TO ARE-CONS-ERR-DETAIL-WRITTEN.  
MOVE 'N' TO ARE-CONS-RO-DETAIL-WRITTEN.  
EXEC SQL SELECT

CF\_SSN,  
CF\_CHK\_ID,  
CF\_LAST\_NAME,  
CF\_FIRST\_NAME,  
CF\_MID\_INIT,  
CF\_ADDRESS1,  
CF\_ADDRESS2,  
CF\_CITY,  
CF\_STATE,  
CF\_ZIP,  
CF\_ZIP\_4,  
CF\_ROUTE\_TRANS,  
CF\_ACCT\_NBR,  
CF\_PAPR\_RT\_TRANS,  
CF\_PAPR\_ACCT\_NBR,  
CF\_CCARD\_NBR,  
CF\_CCARD\_EXP\_DATE,  
CF\_MAIDEN\_NAME,  
CF\_DECLINE\_STATUS,  
CF\_STATUS,  
CF\_VIP\_STATUS,  
CF\_VIP\_STATUS2,  
CF\_LAST\_TRANS\_DATE,

002018	03/13/91
002019	03/13/91
002020	10/31/90
002021	
002022	
002023	
002024	
002025	
002026	
002027	03/13/91
002028	03/13/91
002029	10/31/90
002030	
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002058	
002059	04/20/91
002060	04/20/91
002061	
002062	
002063	
002064	
002065	
002066	
002067	02/10/91
002068	

CF\_CREDIT\_LIMIT,  
CF\_CHECK\_LIMIT,  
CF\_CF\_MTH\_ITEMS,  
CF\_CF\_MTH\_BAL,  
CF\_CF\_YTD\_ITEMS,  
CF\_CF\_YTD\_BAL,  
CF\_TOT\_MTH\_ITEMS,  
CF\_TOT\_MTH\_BAL,  
CF\_TOT\_YTD\_ITEMS,  
CF\_TOT\_YTD\_BAL,  
CF\_FREE\_FLAG,  
CF\_NBR\_FREE,  
CF\_FEE\_MATRIX,  
CF\_PRENOTE\_DATE,  
CF\_EFT\_CODE,  
CF\_BANK\_NAME,  
CF\_CHECK\_SAVE,  
CF\_RESET\_PRENOTE

INTO

:CF-SSN,  
:CF-CHK-ID,  
:CF-LAST-NAME,  
:CF-FIRST-NAME,  
:CF-MID-INIT,  
:CF-ADDRESS1,  
:CF-ADDRESS2,  
:CF-CITY,  
:CF-STATE,  
:CF-ZIP,  
:CF-ZIP-4,  
:CF-ROUTE-TRANS,  
:CF-ACT-NBR,  
:CF-PAPR-RT-TRANS,  
:CF-PAPR-ACT-NBR,  
:CF-CCARD-NBR,  
:CF-CCARD-EXP-DATE,  
:CF-MAIDEN-NAME,  
:CF-DECLINE-STATUS,  
:CF-STATUS,  
:CF-VIP-STATUS,  
:CF-VIP-STATUS2,  
:CF-LAST-TRANS-DATE,  
:CF-CREDIT-LIMIT,  
:CF-CHECK-LIMIT,  
:CF-CF-MTH-ITEMS,  
:CF-CF-MTH-BAL,  
:CF-CF-YTD-ITEMS,  
:CF-CF-YTD-BAL,  
:CF-TOT-MTH-ITEMS,  
:CF-TOT-MTH-BAL,  
:CF-TOT-YTD-ITEMS,  
002069  
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002111  
002112  
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002114  
002115  
002116  
002117  
002118  
002119  
04/20/91  
04/20/91  
02/10/91

```

:CF-TOT-YTD-BAL,
:CF-FREE-FLAG,
:CF-NBR-FREE,
:CF-FEE-MATRIX,
:CF-PRENOTE-DATE,
:CF-EFT-CODE,
:CF-BANK-NAME,
:CF-CHECK-SAVE,
:CF-RESET-PRENOTE
FROM T001_CONSUMER_FILE
WHERE CF_SSN = :CF-SSN
END-EXEC.

```

```

IF SQLCODE = 100
MOVE 'Y' TO IS-RECORD-IN-ERROR
MOVE 'Y' TO IS-CONSUMER-IN-ERROR
MOVE 'NOT ON CONSUMER FILE' TO ERR-MESSAGE-2,
WS-ERR-MESSAGE
MOVE ALL 'X' TO CF-LAST-NAME, ERR-LAST-NAME
CF-FIRST-NAME, ERR-FIRST-NAME
CF-MID-INIT, ERR-MI
PERFORM D200-CONSUMER-ERROR-LINE
THRU D200-CONSUMER-ERROR-LINE-EXIT.

```

```

IF CF-STATUS = 'A'
NEXT SENTENCE
ELSE
MOVE 'Y' TO IS-RECORD-IN-ERROR
MOVE 'Y' TO IS-CONSUMER-IN-ERROR
PERFORM D200-CONSUMER-ERROR-LINE
THRU D200-CONSUMER-ERROR-LINE-EXIT.

```

```

IF CF-EFT-CODE = 'E' OR 'P' OR 'B'
NEXT SENTENCE
ELSE
MOVE 'Y' TO IS-RECORD-IN-ERROR
MOVE 'Y' TO IS-CONSUMER-IN-ERROR
MOVE 'EFT CODE NOT E OR P OR B' TO ERR-MESSAGE-2,
WS-ERR-MESSAGE
PERFORM D200-CONSUMER-ERROR-LINE
THRU D200-CONSUMER-ERROR-LINE-EXIT.

```

```

IF CP-PAY-TYPE = 'F'
IF CP-PAY-FREQ = 'A' OR 'B' OR 'M' OR 'Q' OR 'S' OR 'T'
OR 'W'
NEXT SENTENCE
ELSE
MOVE 'Y' TO IS-RECORD-IN-ERROR
MOVE 'Y' TO IS-CONSUMER-IN-ERROR
MOVE 'PAY FREQ INVALID' TO ERR-MESSAGE-2,
WS-ERR-MESSAGE

```

002120	
002121	
002122	
002123	
002124	
002125	
002126	
002127	
002128	
002129	
002130	
002131	
002132	
002133	
002134	
002135	
002136	06/14/91
002137	06/14/91
002138	
002139	
002140	
002141	
002142	
002143	
002144	
002145	
002146	
002147	06/14/91
002148	06/14/91
002149	
002150	
002151	
002152	06/20/91
002153	
002154	
002155	06/14/91
002156	06/14/91
002157	06/20/91
002158	06/14/91
002159	
002160	
002161	
002162	
002163	
002164	
002165	
002166	
002167	
002168	06/14/91
002169	06/14/91
002170	06/14/91

PERFORM D200-CONSUMER-ERROR-LINE  
THRU D200-CONSUMER-ERROR-LINE-EXIT.

IF CF-VIP-STATUS = 'N' AND  
CF-VIP-STATUS2 = '14'

MOVE 'Y' TO PAY-BY-PHONE-SM

ELSE  
MOVE 'N' TO PAY-BY-PHONE-SM.

E100-GET-CONSUMER-INFO-EXIT.  
EXIT.

E200-GET-MERCHANT-INFO.

MOVE 'E200-GET-MERCHANT-INFO' TO STEP-DENOTER.

MOVE 'N' TO ARE-MRCH-ERR-DETAIL-WRITTEN.

MOVE CP-MRCH-PHONE TO WS-77-PHONE.

MOVE WS-77-PHONE TO MMR-PHONE.

MOVE CP-MRCH-CR-PHONE TO WS-77-CR-PHONE.

MOVE WS-77-CR-PHONE TO MMR-CR-PHONE.

READ MERCHANT-FILE.

IF MMR-STAT = '00'

NEXT SENTENCE

ELSE

MOVE 'Y' TO IS-RECORD-IN-ERROR

IF CONS-ERR-DETAIL-NOT-WRITTEN

MOVE ' ' TO WS-ERR-MESSAGE

PERFORM D200-CONSUMER-ERROR-LINE

THRU D200-CONSUMER-ERROR-LINE-EXIT

MOVE 'NOT ON MERCHANT FILE' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT

ELSE

MOVE 'NOT ON MERCHANT FILE' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT.

IF CONSUMER-IN-ERROR

MOVE 'Y'

TO IS-RECORD-IN-ERROR

MOVE 'CONSUMER RECORD IN ERROR' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT

MOVE 'CANNOT PROCESS THIS PAYMENT' TO ERR-MESSAGE-2,

WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE

THRU D300-MERCHANT-ERROR-LINE-EXIT.

002171	
002172	
002173	
002174	02/10/91
002175	02/10/91
002176	
002177	
002178	
002179	
002180	
002181	
002182	
002183	
002184	
002185	
002186	
002187	
002188	
002189	
002190	
002191	
002192	
002193	
002194	03/13/91
002195	
002196	
002197	
002198	
002199	
002200	
002201	
002202	04/14/91
002203	04/14/91
002204	
002205	
002206	
002207	04/14/91
002208	04/14/91
002209	
002210	
002211	
002212	
002213	04/14/91
002214	04/14/91
002215	04/14/91
002216	
002217	
002218	04/14/91
002219	04/14/91
002220	
002221	



```

MOVE 'N' TO STLCODE-IN-TABLE-SW.
IF MMR-STAI NOT = '00'
NEXT SENTENCE
ELSE
IF MMR-ROUTE-SETTLE EQUAL '01'
OR MMR-ROUTE-SETTLE EQUAL '02'
OR MMR-ROUTE-SETTLE EQUAL '03'
OR MMR-ROUTE-SETTLE EQUAL '10'
OR MMR-ROUTE-SETTLE EQUAL '11'
OR MMR-ROUTE-SETTLE EQUAL '12'
NEXT SENTENCE
ELSE
PERFORM F110-LOCATE-STLCODE-INDEX
THRU F110-LOCATE-STLCODE-INDEX-EXIT
IF STLCODE-IN-TABLE
NEXT SENTENCE
ELSE
MOVE '01' TO MMR-ROUTE-SETTLE.

IF MMR-PRENOTE-RESET > SQL-DRAFT-DATE
IF MMR-ROUTE-SETTLE = '10'
MOVE '01' TO MMR-ROUTE-SETTLE
ELSE
IF MMR-ROUTE-SETTLE = '11'
MOVE '02' TO MMR-ROUTE-SETTLE
ELSE
IF MMR-ROUTE-SETTLE = '12'
MOVE '03' TO MMR-ROUTE-SETTLE.

E200-GET-MERCHANT-INFO-EXIT.
EXIT.

E300-CHECK-PRENOTE.
IF CP-PRENOTE-RESET > SQL-DRAFT-DATE OR
CP-ACCT-SCHEME NOT = 'Y'
IF MMR-ROUTE-SETTLE = '01'
NEXT SENTENCE
ELSE
IF MMR-ROUTE-SETTLE = '02'
NEXT SENTENCE
ELSE
IF MMR-ROUTE-SETTLE = '03'
NEXT SENTENCE
ELSE
IF MMR-ROUTE-SETTLE = '10'
MOVE '01' TO MMR-ROUTE-SETTLE
ELSE
IF MMR-ROUTE-SETTLE = '11'
MOVE '02' TO MMR-ROUTE-SETTLE

```

002222	05/25/91
002223	03/13/91
002224	03/13/91
002225	03/13/91
002226	05/25/91
002227	05/25/91
002228	05/25/91
002229	05/25/91
002230	05/25/91
002231	05/25/91
002232	05/25/91
002233	05/25/91
002234	05/25/91
002235	05/25/91
002236	05/25/91
002237	05/25/91
002238	05/25/91
002239	05/25/91
002240	
002241	
002242	
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002250	
002251	
002252	
002253	
002254	
002255	
002256	
002257	
002258	
002259	
002260	05/25/91
002261	05/25/91
002262	05/25/91
002263	05/25/91
002264	05/25/91
002265	05/25/91
002266	05/25/91
002267	05/25/91
002268	
002269	
002270	
002271	
002272	

```

ELSE
  IF MMR-ROUTE-SETTLE = '12'
    MOVE '03' TO MMR-ROUTE-SETTLE
  ELSE
    MOVE '01' TO MMR-ROUTE-SETTLE.

```

E300-CHECK-PRENOTE-EXIT.  
EXIT.

```

***** THE FOLLOWING MODULE CHECKS FOR PAYMENT ROLLOVER AND MOVES *****
***** THOSE VALUES TO PROPER FIELDS IN TABLE T002 CONSUMER_PAY *****
*****

```

F100-ROLLOVER-ROUTINE.

```

* MOVE CURRENT VALUES FOR THESE FIELDS TO THE OUTPUT REPORT
* BEFORE THEY ARE ROLLED FORWARD.

```

```

MOVE CP-MRCH-AMT TO WS-77-AMOUNT.
MOVE WS-77-AMOUNT TO WS-77-HOLD-PAY-AMOUNT.
MOVE WS-77-AMOUNT TO RO-AMOUNT.
MOVE CP-MRCH-PAY-DATE TO WS-77-DATE.
MOVE WS-77-DATE TO WS-77-HOLD-PAY-DATE.
MOVE WS-77-DATE TO WS-DATE-YMD.
MOVE WS-M-YMD TO WS-M-MDY-SLASHES
MOVE WS-D-YMD TO WS-D-MDY-SLASHES
MOVE WS-Y-YMD TO WS-Y-MDY-SLASHES
MOVE WS-DATE-MDY-WITH-SLASHES TO RO-PAY-DATE.

```

```

MOVE ZEROS TO DATE-MMDYYYYY
MOVE ZEROS TO DATE-YYVDDDD
MOVE ZEROS TO DATE-RED-1
MOVE ZEROS TO DATE-RED-2
MOVE ZEROS TO DATE-RED-3
MOVE ZEROS TO DATE-MMDYY

```

```

IF PAY-BY-PHONE
  MOVE CP-MRCH-AMT TO DRAFT-LAST-AMT
  MOVE CP-MRCH-PAY-DATE TO DRAFT-LAST-DATE.

```

```

***** ROLL PAYMENT DATE FORWARD.
IF (CP-NBR-REMAIN > 0

```

OR  
CP-NBR-REMAIN = -1)

```

AND
CP-PAY-TYPE = 'F'
MOVE CP-MRCH-PAY-DATE TO WS-77-DATE
MOVE WS-77-DATE TO WS-DATE-YMD
MOVE WS-M-YMD TO HOLD-M-FFMMDDYY
MOVE WS-D-YMD TO HOLD-D-FFMMDDYY

```

```

002273
002274
002275
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002284
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002309
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002320
002321
002322
002323

```



\*\*\*\*\* MOVE ROLLOVER VALUES TO DETAIL REPORT.  
MOVE SPACES TO RO-EXTRA-PAYMENT.

F100-ROLLOVER-ROUTINE-EXIT.  
EXIT.

```

*-----*
* IF THE SETTLEMENT CODE IS NOT ONE OF THE HARDCODED ONES,
* '01','02','03','10','11','12', THEN LOOK IN THE TABLE
* TO FIND IT. IF THE TABLE ENTRY IS FOUND, THEN THE
* STLCODE-IN-TABLE WILL BE TRUE AND THE INDEX WILL POINT TO
* THE PROPER ENTRY.
* NOTE: THE SEARCH LOOKS UNTIL END OF TABLE OR WE HAVE
* GONE BEYOND THE SETTLEMENT CODE WE ARE LOOKING FOR.
*-----*

```

F110-LOCATE-STLCODE-INDEX.

SET TFR-IDX TO 1.

PERFORM

```

UNTIL TFR-IDX GREATER THAN TRANFREE-TBL-ENTRIES
OR TFR-TBL-SC-CODE (TFR-IDX) EQUAL MM-R-ROUTE-SETTLE
OR TFR-TBL-SC-CODE (TFR-IDX) GREATER THAN MM-R-ROUTE-SETTLE
SET TFR-IDX UP BY 1
END-PERFORM.

```

IF TFR-IDX GREATER THAN TRANFREE-TBL-ENTRIES

MOVE 'N' TO STLCODE-IN-TABLE-SW

ELSE

IF TFR-TBL-SC-CODE (TFR-IDX) EQUAL MM-R-ROUTE-SETTLE

MOVE 'Y' TO STLCODE-IN-TABLE-SW

ELSE

MOVE 'N' TO STLCODE-IN-TABLE-SW.

F110-LOCATE-STLCODE-INDEX-EXIT.

EXIT.

```

*****
* THE FOLLOWING MODULE CHECKS CP-CHG-DATE TO SEE IF A DAY VALUE
* HAS BEEN STORED THERE BY PBLD0010. IF THERE, THE NUMBER IS
* THE CUSTOMER'S CHOSEN DRAFT DAY UNCORRUPTED BY ROLLING FROM
* MONTH TO MONTH.
*****

```

F115-CHECK-MONTH-END.

IF CP-PAY-FREQ = 'B' OR 'W'

NO CHANGES FOR WEEKLY TYPE PAYMENTS

GO TO F115-CHECK-MONTH-END-EXIT

END-IF

IF CP-CHG-DATE = 29 OR 30 OR 31

MOVE CP-CHG-DATE TO DATE-DD

MOVE DATE-MDDVVVY TO DATE-EOM

MOVE DATE-M-EOM TO DATE-M

MOVE DATE-D-EOM TO DATE-D

002375	04/14/91
002376	
002377	
002378	
002379	
002380	
002381	05/25/91
002382	05/25/91
002383	05/25/91
002384	05/25/91
002385	05/25/91
002386	05/25/91
002387	05/25/91
002388	05/25/91
002389	05/25/91
002390	05/25/91
002391	05/25/91
002392	05/25/91
002393	05/25/91
002394	05/25/91
002395	05/25/91
002396	05/25/91
002397	05/25/91
002398	05/25/91
002399	05/25/91
002400	05/25/91
002401	05/25/91
002402	05/25/91
002403	05/25/91
002404	05/25/91
002405	05/25/91
002406	05/25/91
002407	
002408	
002409	
002410	
002411	
002412	
002413	
002414	
002415	06/05/91
002416	06/05/91
002417	06/05/91
002418	06/05/91
002419	06/05/91
002420	06/05/91
002421	06/05/91
002422	
002423	
002424	
002425	

MOVE DATE-Y-EOM TO DATE-Y  
PERFORM END-OF-MONTH THRU  
END-OF-MONTH-EXIT  
MOVE DATE-M TO DATE-M-EOM  
MOVE DATE-D TO DATE-D-EOM  
MOVE DATE-Y TO DATE-Y-EOM  
MOVE DATE-EOM TO DATE-#YDDVVVY.

F115-CHECK-MONTH-END-EXIT.  
EXIT.

\*\*\*\*\*  
\* THE FOLLOWING MODULE GETS THE CORRECT VALUES TO BE PASSED THE \*  
\* DATE ROUTINES FOR FUTURE DATE CALCULATIONS. \*  
\*\*\*\*\*

F120-GET-ROLL-VALUES.

IF CP-PAY-FREQ = 'A'  
MOVE 'M' TO DATE-PERIOD  
MOVE 12 TO DATE-FREQ.  
IF CP-PAY-FREQ = 'B'  
MOVE 'D' TO DATE-PERIOD  
MOVE 14 TO DATE-FREQ.  
IF CP-PAY-FREQ = 'M'  
MOVE 'M' TO DATE-PERIOD  
MOVE 1 TO DATE-FREQ.  
IF CP-PAY-FREQ = 'Q'  
MOVE 'M' TO DATE-PERIOD  
MOVE 3 TO DATE-FREQ.  
IF CP-PAY-FREQ = 'S'  
MOVE 'M' TO DATE-PERIOD  
MOVE 6 TO DATE-FREQ.  
IF CP-PAY-FREQ = 'T'  
MOVE 'M' TO DATE-PERIOD  
MOVE 4 TO DATE-FREQ.  
IF CP-PAY-FREQ = 'W'  
MOVE 'D' TO DATE-PERIOD  
MOVE 7 TO DATE-FREQ.  
F120-GET-ROLL-VALUES-EXIT.  
EXIT.

\*\*\*\*\*  
\* THE FOLLOWING MODULES CREATE THE CREDIT AND DEBITS RECORDS \*  
\* AND LOADS THEM INTO THE TRANHOLD. \*  
\*\*\*\*\*

G100-TRANHOLD-RECORD.  
ADD WS-77-HOLD-PAY-AMOUNT TO CF-TOT-MTH-BAL,  
CF-TOT-YTD-BAL,  
TFR-COL-TOT-DOLLARS,

002426	
002427	
002428	
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002436	
002437	
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002475	
002476	

05/25/91

**TFR-RMT-TOT-DOLLARS  
ADD 1 TO CF-TOT-MIN-ITEMS,  
CF-TOT-YTD-ITEMS,  
TFR-COL-TOT-ITEMS,  
TFR-RMT-TOT-ITEMS.**

```

EVALUATE TRUE
  WHEN MM-CREDIT-LIMIT NOT NUMERIC
    MOVE 50.01 TO WS-CREDIT-LIMIT
  WHEN MM-CREDIT-LIMIT < 51
    MOVE 50.01 TO WS-CREDIT-LIMIT
  WHEN OTHER
    COMPUTE WS-CREDIT-LIMIT = MM-CREDIT-LIMIT + .01
END-EVALUATE

```

NOTES FOR THIS SECTION.

IF THE CF-STATUS IS A 'P.' THEN THIS IS A PRENOTE ITEM AND ANY NOTIFICATIONS CREATED FOR PRENOTES NEED TO BE PAPER ITEMS.

IF THE CF-STATUS IS NOT A 'P.' THEN IT MUST BE AN 'A.' IN WHICH CASE THIS IS GOING TO BE A CONSUMER DEBIT.

ON CONSUMER DEBITS IF THE EFT CODE IS 'P.' AND THE DEBIT AMOUNT IS LESS THEN THE CHECK LIMIT AND THE DEBIT AMOUNT PLUS THE CURRENT MONTH TO DATE BALANCE IS LESS THEN THE CREDIT LIMIT THIS ITEM WILL BE PAID THRU CHECKFREE VIA SETTLEMENT CHECK.

IF THE ITEM IS NOT WITHIN THESE LIMITS THEN THE ITEM WILL BE PAID VIA PAPER CHECK PAYABLE THRU CONSUMER.

IF THE EFT CODE IS 'E.' AND THE DEBIT AMOUNT IS LESS THEN THE CHECK LIMIT AND THE DEBIT AMOUNT PLUS THE CURRENT MONTH TO DATE BALANCE IS LESS THEN THE CREDIT LIMIT THIS ITEM WILL BE PAID VIA ACH.

IF THE ITEM IS NOT WITHIN THESE LIMITS THEN THE ITEM WILL BE PAID VIA PAPER CHECK PAYABLE THRU CONSUMER.

```

IF CF-STATUS = 'P'
OR
(CF-RESET-PRENOTE > 0
AND
MS-77-HOLD-PAY-DATE < CF-RESET-PRENOTE
PERFORM G130-PAPER-ITEMS
THRU G130-PAPER-ITEMS-EXIT
ELSE
IF THE EFT IS A 'P' CREATE A PAPER CHECK REQ
THE AMOUNT. THIS IS BEING DONE BECAUSE WE D
HAVE AN EXTRACT PROGRAM TO CREATE PAYABLE TH
CHECKS.
IF CF-EFT-CODE = 'P'
PERFORM G130-PAPER-ITEMS
THRU G130-PAPER-ITEMS-EXIT

```

002477	05/25/91
002478	
002479	
002480	05/25/91
002481	05/25/91
002482	
002483	01/02/91
002484	01/02/91
002485	01/02/91
002486	01/02/91
002487	01/02/91
002488	01/02/91
002489	01/02/91
002490	01/02/91
002491	01/02/91
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```

ELSE
  IF CF-EFT-CODE = 'E' OR 'B'
    IF HMR-MC-ACCT-SCHEME-CHECK = 'Y' AND
      (CP-ACCT-SCHEME = 'R' OR
       CP-ACCT-SCHEME = 'N')
      PERFORM G130-PAPER-ITEMS
      THRU G130-PAPER-ITEMS-EXIT
    ELSE
      IF WS-77-HOLD-PAY-AMOUNT < WS-CREDIT-LIMIT AND
        CF-CHECK-LIMIT > ZEROS
        PERFORM G140-ACH-ITEMS
        THRU G140-ACH-ITEMS-EXIT
      ELSE
        IF WS-77-HOLD-PAY-AMOUNT < CF-CHECK-LIMIT
          OR = CF-CHECK-LIMIT
          ADD WS-77-HOLD-PAY-AMOUNT TO CF-CF-MTH-BAL
          IF CF-CF-MTH-BAL < CF-CREDIT-LIMIT
            OR = CF-CREDIT-LIMIT
            PERFORM G140-ACH-ITEMS
            THRU G140-ACH-ITEMS-EXIT
          ELSE
            SUBTRACT WS-77-HOLD-PAY-AMOUNT
              FROM CF-CF-MTH-BAL
            PERFORM G130-PAPER-ITEMS
            THRU G130-PAPER-ITEMS-EXIT
          ELSE
            PERFORM G130-PAPER-ITEMS
            THRU G130-PAPER-ITEMS-EXIT.
        MOVE 2 TO PDR-DB-CR-CODE.
        MOVE '2' TO PDR-STATUS.
        MOVE CP-MRCH-PHONE TO PDR-MRCH-PHONE.
        MOVE CP-MRCH-CR-PHONE TO PDR-MRCH-CR-PHONE.
        MOVE HMR-REMIT-ADDR1 TO PDR-MRCH-ADDR1.
        MOVE HMR-REMIT-ADDR2 TO PDR-MRCH-ADDR2.
        MOVE HMR-REMIT-CITY TO PDR-MRCH-CITY.
        MOVE HMR-REMIT-ST TO PDR-MRCH-STATE.
        MOVE HMR-REMIT-ZIP TO PDR-MRCH-ZIP.
        MOVE HMR-ROUTE-SETTLE TO PDR-CUST-SETTLE.
        MOVE CP-SSN TO PDR-CUST-SSN.
        MOVE CF-FIRST-NAME TO PDR-FIRST-NAME.
        MOVE CF-LAST-NAME TO PDR-LAST-NAME.
        MOVE CF-MID-INIT TO PDR-MID-INIT.
        MOVE CP-ACCT-NBR TO PDR-CUST-ACCT.
        PERFORM CHECK-EFT-CODE THRU CHECK-EXIT.
        MOVE CF-CHECK-SAVE TO PDR-CHECK-SAVE.
        MOVE WS-77-HOLD-PAY-DATE TO PDR-PROC-DATE.
        MOVE WS-77-HOLD-PAY-AMOUNT TO PDR-AMT.
        MOVE 'PAYMENT' TO PDR-DESCRIPTION.

```

002528  
002529 04/20/91  
002530 10/31/90  
002531 10/31/90  
002532 10/31/90  
002533 10/31/90  
002534 10/31/90  
002535 10/31/90  
002536 01/02/91  
002537  
002538  
002539  
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002577  
002578

04/20/91  
04/20/91

MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.  
 MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.  
 MOVE 'C' TO PDR-TRANFREE.  
 MOVE SPACES TO PDR-ORIGIN.  
 MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.  
 PERFORM TRACKING-NBR-CALC  
 THRU TRACKING-NBR-CALC-EXIT.  
 MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.

PERFORM G150-WRITE-HISTORY  
 THRU G150-WRITE-HISTORY-EXIT.

PERFORM G900-WRITE-TRANHOLD  
 THRU G900-WRITE-TRANHOLD-EXIT.  
 IF RO-METHOD = 'A' OR 'C'.  
 PERFORM G200-CREATE-MRCH-CREDIT  
 THRU G200-CREATE-MRCH-CREDIT-EXIT  
 ELSE  
 GO TO G100-TRANHOLD-RECORD-EXIT.

G100-TRANHOLD-RECORD-EXIT.  
 EXIT.

G120-CHECK-ITEMS.

\*\*\* SETTLEMENT CHECK PAYABLE THRU CHECKFREE.  
 \*\*\*  
 ADD 1 TO TFR-COL-CHEK-ITEMS  
 CF-CF-MTH-ITEMS  
 CF-CF-YTD-ITEMS.

ADD WS-77-HOLD-PAY-AMOUNT TO  
 TFR-COL-CHEK-DOLLARS  
 CF-CF-YTD-BAL.  
 MOVE MMH-ABRV TO PDR-MRCH-ABRV.

\*\*\*  
 \* CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS  
 \* A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.  
 \*

MOVE MMH-ROUTE-SETTLE TO CHP-METH-PAY.

MOVE 'P' TO PDR-MODIFIER.  
 MOVE 'C' TO RO-METHOD.  
 G120-CHECK-ITEMS-EXIT.  
 EXIT.

G130-PAPER-ITEMS.

\*\*\* PAPER CHECK PAYABLE THRU CONSUMER.  
 \*\*\* ALSO KNOWN AS A PAPER DRAFT.  
 \*\*\*

ADD 1 TO TFR-COL-PPR-ITEMS

002579	
002580	
002581	
002582	05/25/91
002583	05/25/91
002584	05/25/91
002585	05/25/91
002586	05/25/91
002587	03/13/91
002588	
002589	
002590	03/13/91
002591	
002592	
002593	
002594	
002595	
002596	
002597	
002598	
002599	
002600	
002601	
002602	
002603	
002604	
002605	
002606	05/25/91
002607	
002608	
002609	
002610	
002611	05/25/91
002612	
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002628	
002629	05/25/91



TFR-RMT-PPR-ITEMS.  
ADD WS-77-HOLD-PAY-AMOUNT TO  
TFR-COL-PPR-DOLLARS  
TFR-RMT-PPR-DOLLARS.  
MOVE MMH-ABRV TO PDR-MRCH-ABRV.

002630 05/25/91  
002631  
002632 05/25/91  
002633 05/25/91  
002634

\* CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS  
\* A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.  
\*  
MOVE '99' TO CHP-METH-PAY.

002635  
002636  
002637  
002638  
002639

MOVE 'F' TO PDR-MODIFIER.  
MOVE 'P' TO RO-METHOD.  
G130-PAPER-ITEMS-EXIT.  
EXIT.

G140-ACH-ITEMS.  
\*\*\*  
\*\*\* ACH PAYABLE THRU CHECKFREE.  
\*\*\*

G140-ACH-ITEMS.  
\*\*\*  
\*\*\* ACH PAYABLE THRU CHECKFREE.  
\*\*\*

ADD 1 TO TFR-COL-ACH-ITEMS  
CF-CF-MTH-ITEMS  
CF-CF-YTD-ITEMS.  
ADD WS-77-HOLD-PAY-AMOUNT TO  
TFR-COL-ACH-DOLLARS  
CF-CF-YTD-BAL.

05/25/91  
002640  
002641  
002642  
002643  
002644  
002645  
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002680

MOVE CP-MRCH-NAME TO PDR-MRCH-ABRV.

\* CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS  
\* A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.  
\*  
MOVE MMH-ROUTE-SETTLE TO CHP-METH-PAY.

MOVE 'A' TO RO-METHOD.  
IF NIGHT-ACH  
MOVE 'E' TO PDR-MODIFIER  
ELSE  
MOVE 'B' TO PDR-MODIFIER.  
G140-ACH-ITEMS-EXIT.  
EXIT.

\*\*\*\*\*  
\* THIS MODULE WRITES A HISTORY RECORD OF WHO, WHAT, AND HOW  
\* MUCH WAS PAID FOR A CONSUMER IN THIS DRAFT PROGRAM.  
\*\*\*\*\*  
G150-WRITE-HISTORY.  
MOVE PDR-CUST-SSN TO CHP-SSN.

```

MOVE PDR-MRCH-PHONE TO CHP-CROSS-R-PHONE.
MOVE PDR-MRCH-CR-PHONE TO CHP-CRCK-CR-PHONE.
MOVE PDR-LAST-NAME TO CHP-LAST-NAME.
MOVE PDR-FIRST-NAME TO CHP-FIRST-NAME.
MOVE PDR-MID-INIT TO CHP-MID-INIT.
MOVE PDR-MRCH-PHONE TO CHP-MRCH-PHONE.
MOVE PDR-MRCH-CR-PHONE TO CHP-MRCH-CR-PHONE.
MOVE PDR-NAME TO CHP-MRCH-NAME.
MOVE PDR-ANT TO CHP-MRCH-ANT.
MOVE PDR-PROC-DATE TO CHP-PAY-DATE.
MOVE PDR-CUST-ACCT TO CHP-ACCT-NBR.
MOVE PDR-JUL-DATE TO CHP-JUL-DATE
MOVE ZEROS TO CHP-CHECK-NBR
      CHP-RTN-DATE.
MOVE SPACES TO CHP-RTN-REASON
      CHP-RTN-STATUS
      CHP-RTN-COMMENT.
MOVE CP-LAST-TRANS-DATE TO CHP-LST-TRANS-DATE.
MOVE PDR-TRACK-NBR TO CHP-TRACK-NBR.
MOVE 'INSERT INTO T006 IN PARAGRAPH 6150.
TO STEP-DENOTER.

```

EXEC SQL INSERT  
INTO T006\_CONS\_HIST\_PAY

```

(CHP_SSN,
 CHP_CROSS_R_PHONE,
 CHP_CHK_CR_PHONE,
 CHP_LAST_NAME,
 CHP_FIRST NAME,
 CHP_MID INIT,
 CHP_MRCH_PHONE,
 CHP_MRCH CR_PHONE,
 CHP_MRCH_NAME,
 CHP_MRCH ANT,
 CHP_PAY DATE,
 CHP_METH_PAY,
 CHP_ACCT_NBR,
 CHP_JUL DATE,
 CHP_CHECK_NBR,
 CHP_RTN DATE,
 CHP_RTN REASON,
 CHP_RTN STATUS,
 CHP_RTN COMMENT,
 CHP_LST_TRANS DATE,
 CHP_TRACK_NBR)

```

VALUES

```

(:CHP_SSN,
:CHP-CROSS-R-PHONE,
:CHP-CRCK-CR-PHONE,
:CHP-LAST-NAME,
:CHP-FIRST-NAME,

```

002681	
002682	
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002730	
002731	

05/25/91  
05/25/91



```

END-IF
ELSE
  ADD 1 TO
    TFR-RMT-ACH-ITEMS
  ADD WS-77-HOLD-PAY-AMOUNT TO
    TFR-RMT-ACH-DOLLARS
  IF NIGHT-ACH
    MOVE 'E' TO PDR-MODIFIER
  ELSE
    MOVE 'B' TO PDR-MODIFIER
  END-IF
END-IF
END-IF.

```

```

MOVE CP-HRCH-PHONE TO PDR-HRCH-PHONE
MOVE CP-HRCH-CR-PHONE TO PDR-HRCH-CR-PHONE
MOVE HMR-REMIT-ADDR1 TO PDR-HRCH-ADDR1
MOVE HMR-REMIT-ADDR2 TO PDR-HRCH-ADDR2
MOVE HMR-REMIT-CITY TO PDR-HRCH-CITY
MOVE HMR-REMIT-ST TO PDR-HRCH-STATE
MOVE HMR-REMIT-ZIP TO PDR-HRCH-ZIP
MOVE HMR-ROUTE-SETTLE TO PDR-HRCH-SETTLE
MOVE CP-SSN TO PDR-CUST-SSN
MOVE CF-FIRST-NAME TO PDR-FIRST-NAME
MOVE CF-LAST-NAME TO PDR-LAST-NAME
MOVE CF-MID-INIT TO PDR-MID-INIT
MOVE CP-ACCT-NBR TO PDR-CUST-ACCT
MOVE 'C' TO PDR-CHECK-SAVE
MOVE WS-77-HOLD-PAY-DATE TO PDR-PROC-DATE
MOVE WS-77-HOLD-PAY-AMOUNT TO PDR-AMT
MOVE 'PAYMENT' TO PDR-DESCRIPTION
MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.
MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.
MOVE 'H' TO PDR-TRANFREF.
MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.
PERFORM TRACKING-NBR-CALC
THRU TRACKING-NBR-CALC-EXIT.
MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.
MOVE SPACES TO PDR-ORIGIN.
PERFORM G900-WRITE-TRANHOLD
THRU G900-WRITE-TRANHOLD-EXIT.
G200-CREATE-HRCH-CREDIT-EXIT.
EXIT.

```

```

G900-WRITE-TRANHOLD.
MOVE WS-LAST-COMMIT-COUNT TO PB-DRAFT-COMMIT-KEY
WRITE PB-DRAFT-RECORD.
G900-WRITE-TRANHOLD-EXIT.
EXIT.

```

002783	05/25/91
002784	
002785	
002786	05/25/91
002787	
002788	05/25/91
002789	
002790	
002791	05/25/91
002792	
002793	05/25/91
002794	05/25/91
002795	05/25/91
002796	
002797	
002798	
002799	
002800	
002801	
002802	
002803	
002804	
002805	
002806	
002807	
002808	
002809	
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002811	
002812	
002813	
002814	
002815	
002816	
002817	05/25/91
002818	
002819	05/25/91
002820	05/25/91
002821	05/25/91
002822	05/25/91
002823	
002824	
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002829	03/13/91
002830	
002831	
002832	
002833	

\*\*\*\*\*  
 \* THE FOLLOWING MODULE UPDATES T001\_CONSUMER\_FILE AND  
 \* T002\_CONSUMER\_PAY WITH NEW PAYMENT INFORMATION AND  
 \* PROCESSING TOTAL INFORMATION.  
 \*\*\*\*\*

H100-UPDATE-TABLES.

MOVE 'UPDATE OF T002 IN PARAGRAPH H100.  
 TO STEP-DENOTER.

IF CP-PAY-TYPE EQUAL 'F' OR  
 CP-PAY-TYPE EQUAL 'V'

IF NOT TEST-PCN

EXEC SQL UPDATE T002\_CONSUMER\_PAY

SET CP\_MRCH\_AMT = CP\_MRCH\_AMT,  
 CP\_MRCH\_PAY\_DATE = CP\_MRCH\_PAY\_DATE,  
 CP\_MBR\_REMAIN = CP\_MBR\_REMAIN,  
 CP\_CHG\_DATE = CP\_CHG\_DATE,  
 CP\_CHG\_AMT = CP\_CHG\_AMT,  
 WHERE CP\_SSN = CP\_SSN

AND

CP\_CHK\_PHONE = CP\_CHK\_PHONE

AND

CP\_CHK\_CR\_PHONE = CP\_CHK\_CR\_PHONE

AND

CP\_MRCH\_PHONE = CP\_MRCH\_PHONE

AND

CP\_MRCH\_CR\_PHONE = CP\_MRCH\_CR\_PHONE

AND

CP\_PAY\_TYPE = CP\_PAY\_TYPE

END-EXEC

END-IF

ELSE

MOVE CP-PAY-TYPE TO WS-DEL-PAY-TYPE

MOVE WS-DELETED-DATE TO RO-EXTRA-PAYMENT

MOVE 'DELETE FROM T002 IN PARAGRAPH H100.  
 TO STEP-DENOTER

IF NOT TEST-PCN

EXEC SQL DELETE FROM T002\_CONSUMER\_PAY

WHERE CP\_SSN = CP\_SSN

AND

CP\_CHK\_PHONE = CP\_CHK\_PHONE

AND

CP\_CHK\_CR\_PHONE = CP\_CHK\_CR\_PHONE

AND

CP\_CHK\_CR\_PHONE = CP\_CHK\_CR\_PHONE

AND

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002835	
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002845	03/13/91
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002848	
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002850	05/25/91
002851	
002852	
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002856	
002857	
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002862	
002863	
002864	
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002866	
002867	
002868	05/25/91
002869	
002870	
002871	
002872	
002873	04/14/91
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002876	
002877	
002878	05/25/91
002879	
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002883	
002884	

```

CP_MRCH_PHONE      =:  CP_MRCH_PHONE
AND
CP_MRCH_CR_PHONE   =:  CP_MRCH_CR_PHONE
AND
CP_PAY_TYPE        =:  CP_PAY_TYPE
AND
CP_ACCT_NBR        =:  CP_ACCT_NBR
END-EXEC
END-IF.

```

MOVE 'UPDATE OF 1001 IN PARAGRAPH H100.  
TO STEP-DENOTER.

```

IF NOT TEST-PGM
EXEC SQL UPDATE 1001_CONSUMER_FILE
SET CF_CF_MTH_ITEMS =:  CF_CF_MTH_ITEMS,
CF_CF_MTH_BAL      =:  CF_CF_MTH_BAL,
CF_CF_YTD_ITEMS    =:  CF_CF_YTD_ITEMS,
CF_CF_YTD_BAL      =:  CF_CF_YTD_BAL,
CF_TOT_MTH_ITEMS   =:  CF_TOT_MTH_ITEMS,
CF_TOT_MTH_BAL     =:  CF_TOT_MTH_BAL,
CF_TOT_YTD_ITEMS   =:  CF_TOT_YTD_ITEMS,
CF_TOT_YTD_BAL     =:  CF_TOT_YTD_BAL
WHERE CF_SSN
AND
CF_CHK_ID          =:  CF_CHK_ID
END-EXEC
END-IF.

```

H100-UPDATE-TABLES-EXIT.  
EXIT.

```

*****
* THE FOLLOWING MODULES PRODUCE THE CHECKFREE CREDIT OFFSETS *
* FOR EACH DATE IN THE INTERNAL PAYMENT TABLE THAT HAS ACH *
* ITEMS. *
*****

```

I100-CREDIT-OFFSETS.

```

MOVE ZERO TO ACH-OFFSET-DOLLARS.
ADD TFR-RMT-ACH-DOLLARS TO ACH-OFFSET-DOLLARS.
ADD TFR-RMT-CHK-DOLLARS TO ACH-OFFSET-DOLLARS.
SET TFR-IDX TO 1.
PERFORM

```

```

VARYING TFR-IDX FROM 1 BY 1
UNTIL TFR-IDX GREATER THAN TRANFREE-TBL-ENTRIES
ADD TFR-TBL-SC-DOLLARS (TFR-IDX) TO ACH-OFFSET-DOLLARS
END-PERFORM.
IF ACH-OFFSET-DOLLARS GREATER THAN ZERO
NEXT SENTENCE
ELSE

```

002885	
002886	
002887	
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002890	
002891	
002892	05/25/91
002893	05/25/91
002894	
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002896	
002897	
002898	
002899	05/25/91
002900	
002901	
002902	
002903	
002904	
002905	
002906	
002907	
002908	
002909	
002910	
002911	05/25/91
002912	05/25/91
002913	
002914	
002915	
002916	
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002918	
002919	
002920	
002921	
002922	
002923	
002924	05/25/91
002925	05/25/91
002926	05/25/91
002927	05/25/91
002928	05/25/91
002929	05/25/91
002930	05/25/91
002931	05/25/91
002932	05/25/91
002933	05/25/91
002934	05/25/91
002935	

GO TO I100-CREDIT-OFFSETS-EXIT.

MOVE 1	TO	PDR-DB-CR-CODE.	002936	05/25/91
MOVE '1'	TO	PDR-STATUS.	002937	05/25/91
IF NIGHT-ACH			002938	
MOVE 'E'	TO	PDR-MODIFIER	002939	
ELSE			002940	
MOVE 'B'	TO	PDR-MODIFIER.	002941	
MOVE 6146906000	TO	PDR-MRCH-PHONE.	002942	
MOVE 001	TO	PDR-MRCH-CR-PHONE.	002943	
MOVE 'CHECKFREE TECH.'	TO	PDR-MRCH-ABRV.	002944	
MOVE '720 GREENCREST'	TO	PDR-MRCH-ADDR1.	002945	
MOVE SPACES	TO	PDR-MRCH-ADDR2.	002946	
MOVE 'WESTERVILLE'	TO	PDR-MRCH-CITY.	002947	
MOVE 'OH'	TO	PDR-MRCH-STATE.	002948	
MOVE 430610000	TO	PDR-MRCH-ZIP.	002949	
MOVE '14'	TO	PDR-MRCH-SETTLE.	002950	
MOVE ZEROS	TO	PDR-CUST-SSN.	002951	
MOVE 'CHECKFREE'	TO	PDR-FIRST-NAME.	002952	
MOVE 'CREDIT'	TO	PDR-LAST-NAME.	002953	
MOVE SPACE	TO	PDR-MID-INIT.	002954	
MOVE ZEROS	TO	PDR-CUST-ACCT.	002955	
MOVE 044000037	TO	PDR-ROUTE-TRANS.	002956	
MOVE '10-72049'	TO	PDR-ROUTE-NBR.	002957	
MOVE 'C'	TO	PDR-ACCT-NBR.	002958	
MOVE SQL-DRAFT-DATE	TO	PDR-PROC-DATE.	002959	
MOVE ACH-OFFSET-DOLLARS	TO	PDR-CHECK-DATE.	002960	
MOVE 'CHK CREDIT'	TO	PDR-AMT.	002961	05/25/91
MOVE '1357368475'	TO	PDR-DESCRIPTION.	002962	05/25/91
MOVE WS-TRACE-NBR	TO	PDR-COMPANY-NBR.	002963	
MOVE WS-77-TRACE-NBR	TO	WS-77-TRACE-NBR.	002964	
MOVE 'N'	TO	PDR-JUL-DATE.	002965	
MOVE PDR-JUL-DATE	TO	PDR-TRANFEE.	002966	
PERFORM TRACKING-NBR-CALC		TRACKING-JULIAN-DATE.	002967	
THRU TRACKING-NBR-CALC-EXIT.			002968	05/25/91
MOVE TRACKING-NBR-ENC	TO	PDR-TRACK-NBR.	002969	05/25/91
MOVE SPACES	TO	PDR-ORIGIN.	002970	05/25/91
PERFORM 6900-WRITE-TRANHOLD			002971	05/25/91
THRU 6900-WRITE-TRANHOLD-EXIT.			002972	05/25/91
I100-CREDIT-OFFSETS-EXIT.			002973	
EXIT.			002974	
			002975	05/25/91
			002976	
			002977	
			002978	
			002979	
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			002981	
			002982	
			002983	
			002984	
			002985	
			002986	

\*\*\*\*\* THE FOLLOWING MODULES CREATE THE SUMMARY REPORTS. \*\*\*\*\*

J200-WRITE-GRAND-SUMMARY.  
 MOVE 'OVERALL' TO SUM-DRAFT-DATE.  
 ADD 1 TO WS-SUMMARY-PAGE-COUNT.  
 MOVE WS-SUMMARY-PAGE-COUNT TO SUM-PAGE-NUMBER.





```

MOVE 'REMITTANCES'      TO SUM-RMT-RMT-LIT.
MOVE 'FOR'               TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-CHK-ITEMS   TO SUM-RMT-ITEMS.
MOVE TFR-RMT-CHK-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL           TO SUMMARY-REPORT-LINE.
MOVE '0'                 TO CC-LINE.
MOVE 2                   TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.

```

```

* WRITE ACH ITEMS LINE
MOVE SPACES              TO SUM-DETAIL.
MOVE 'ACH'               TO SUM-COL-TYPE-LIT.
MOVE 'COLLECTIONS'       TO SUM-COL-COL-LIT.
MOVE 'FOR'               TO SUM-COL-FOR-LIT.
MOVE TFR-COL-ACH-ITEMS   TO SUM-COL-ITEMS.
MOVE TFR-COL-ACH-DOLLARS TO SUM-COL-DOLLARS.
MOVE 'ACH'               TO SUM-RMT-TYPE-LIT.
MOVE 'REMITTANCES'       TO SUM-RMT-RMT-LIT.
MOVE 'FOR'               TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-ACH-ITEMS   TO SUM-RMT-ITEMS.
MOVE TFR-RMT-ACH-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL           TO SUMMARY-REPORT-LINE.
MOVE '0'                 TO CC-LINE.
MOVE 2                   TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.

```

```

* START COLLECTIONS TOTAL LINE
MOVE SPACES              TO SUM-DETAIL.
MOVE 'TOTAL'             TO SUM-COL-TYPE-LIT.
MOVE 'COLLECTIONS'       TO SUM-COL-COL-LIT.
MOVE 'FOR'               TO SUM-COL-FOR-LIT.
MOVE TFR-COL-TOT-ITEMS   TO SUM-COL-ITEMS.
MOVE TFR-COL-TOT-DOLLARS TO SUM-COL-DOLLARS.
SET TFR-IDX TO 1.
PERFORM J300-WRITE-STLCODE-SUM
THRU J300-WRITE-STLCODE-SUM-EXIT
VARYING TFR-IDX FROM 1 BY 1
UNTIL TFR-IDX GREATER THAN TRANSFER-TBL-ENTRIES.
MOVE 'TOTAL'             TO SUM-RMT-TYPE-LIT.
MOVE 'REMITTANCES'       TO SUM-RMT-RMT-LIT.
MOVE 'FOR'               TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-TOT-ITEMS   TO SUM-RMT-ITEMS.
MOVE TFR-RMT-TOT-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL           TO SUMMARY-REPORT-LINE.
MOVE '0'                 TO CC-LINE.
MOVE 2                   TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.
J200-WRITE-GRAND-SUMMARY-EXIT.

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003036	05/25/91
003039	05/25/91
003040	05/25/91
003041	05/25/91
003042	05/25/91
003043	05/25/91
003044	05/25/91
003045	
003046	
003047	
003048	05/25/91
003049	05/25/91
003050	05/25/91
003051	05/25/91
003052	05/25/91
003053	05/25/91
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003057	05/25/91
003058	05/25/91
003059	05/25/91
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003066	05/25/91
003067	05/25/91
003068	05/25/91
003069	05/25/91
003070	05/25/91
003071	05/25/91
003072	05/25/91
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003074	05/25/91
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003076	05/25/91
003077	05/25/91
003078	05/25/91
003079	05/25/91
003080	05/25/91
003081	05/25/91
003082	05/25/91
003083	05/25/91
003084	05/25/91
003085	05/25/91
003086	
003087	
003088	

EXIT.

J300-WRITE-STL-CODE-SUM.  
\* WRITE ACH ITEMS LINE

MOVE TFR-TBL-SC-CODE (TFR-IDX)

TO WS-SC-CODE.

MOVE WS-SC-LIT TO SUM-RMT-TYPE-LIT.

MOVE 'REMITTANCES' TO SUM-RMT-RMT-LIT.

MOVE 'FOR' TO SUM-RMT-FOR-LIT.

MOVE TFR-TBL-SC-ITEMS (TFR-IDX) TO SUM-RMT-ITEMS.

MOVE TFR-TBL-SC-DOLLARS (TFR-IDX)

TO SUM-RMT-DOLLARS.

MOVE '0' TO SUMMARY-REPORT-LINE.

MOVE '0' TO CC-LINE.

MOVE 2 TO ADVANCE-AMOUNT.

PERFORM J900-WRITE-SUM-LINE

THRU J900-WRITE-SUM-LINE-EXIT.

MOVE SPACES TO SUM-DETAIL.

J300-WRITE-STL-CODE-SUM-EXIT.

EXIT.

J800-WRITE-SUM-PAGE.

MOVE '1' TO CC-LINE.

MOVE SUMMARY-REPORT-LINE TO JUNK-LINE.

MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE SUMMARY-REPORT-LINE FROM WS-PRINT-LINE.

J800-WRITE-SUM-PAGE-EXIT.

EXIT.

J900-WRITE-SUM-LINE.

MOVE SUMMARY-REPORT-LINE TO JUNK-LINE.

MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE SUMMARY-REPORT-LINE FROM WS-PRINT-LINE.

J900-WRITE-SUM-LINE-EXIT.

EXIT.

K100-DRAFTITEM-RECORD.

\*\*\*\*\*  
\* CREATES THE DRAFTED ITEMS FILE FOR PAY-BY-PHONE CONSUMERS. \*  
\*\*\*\*\*

MOVE '020' TO DRAFT-TRANS-TYPE.

MOVE '1' TO DRAFT-CHECK-DIGIT.

MOVE CP-SSN TO DRAFT-SSN.

MOVE CP-CHECK-CR-PHONE TO DRAFT-MRCH-XREF.

MOVE CP-CAT-PHONE TO DRAFT-MRCH-PHONE.

MOVE CP-CAT-NBR TO DRAFT-MRCH-CAT.

MOVE CP-MNEMONIC TO DRAFT-MRCH-MNEMONIC.

MOVE CP-PAY-FREQ TO DRAFT-PAY-FREQ.

MOVE CP-STATUS TO DRAFT-PAY-STATUS.

003089	
003090	
003091	05/25/91
003092	05/25/91
003093	05/25/91
003094	05/25/91
003095	05/25/91
003096	05/25/91
003097	05/25/91
003098	05/25/91
003099	05/25/91
003100	05/25/91
003101	05/25/91
003102	05/25/91
003103	05/25/91
003104	05/25/91
003105	05/25/91
003106	05/25/91
003107	05/25/91
003108	05/25/91
003109	05/25/91
003110	
003111	
003112	03/13/91
003113	03/13/91
003114	03/13/91
003115	03/13/91
003116	
003117	
003118	
003119	
003120	03/13/91
003121	03/13/91
003122	03/13/91
003123	
003124	
003125	
003126	
003127	
003128	
003129	
003130	
003131	
003132	
003133	
003134	
003135	
003136	
003137	
003138	
003139	



EXIT.

9000-COMMIT-WORK.

DISPLAY '####WS-TOTALS====>>' WS-TOTALS  
PERFORM 9200-WRITE-PAY-TBL THRU 9200-EXIT  
PERFORM TRACKING-NBR-SAVE  
THRU TRACKING-NBR-SAVE-EXIT.

MOVE 'UPDATING 1900-PROG-CONTROL' TO STEP-DENOTER.  
EXEC SQL

UPDATE 1900-PROG-CONTROL  
SET PC\_LAST\_COMMIT\_KEY = :PC-LAST-COMMIT-KEY,  
PC\_RESTART\_MODE = :PC-RESTART-MODE  
WHERE PC\_PROGRAM\_NAME = :WS-PROGRAM-NAME  
END-EXEC.

EVALUATE TRUE

WHEN SQLCODE = 0

EXEC SQL

COMMIT

END-EXEC

MOVE WS-PREVIOUS-SSN TO SQL-PREV-SSN

EXEC SQL

OPEN T002

END-EXEC

WHEN SQLCODE = 100

GO TO ERRCRK

WHEN SQLCODE IS NEGATIVE

GO TO ERRCRK

END-EVALUATE.

9000-EXIT. EXIT.

9100-LOAD-PAY-TBL.

-----  
\* LOAD RESTART ENTRIES FROM THE PAY TABLE FILE. EACH RECORD \*  
\* CONTAINS THE INDEX POINTER, SO THAT THE RECORDS CAN BE \*  
\* STORED DIRECTLY WHERE THEY WERE WRITTEN FROM. THIS ALSO \*  
\* PROVIDES US WITH THE MOST RECENT OCCURANCE OF AN ENTRY. \*  
\*-----

OPEN INPUT PAY-TABLE-INPUT

MOVE ZERO TO TRANFREE-TBL-ENTRIES.

SET NOT-END-OF-TBLIN TO TRUE.

READ PAY-TABLE-INPUT INTO TRANFREE-PAY-TABLE-REC

AT END

SET END-OF-TBLIN TO TRUE.

003191	03/13/91
003192	03/13/91
003193	03/13/91
003194	03/13/91
003195	03/13/91
003196	03/13/91
003197	03/13/91
003198	05/25/91
003199	05/25/91
003200	03/13/91
003201	03/13/91
003202	03/13/91
003203	03/13/91
003204	03/13/91
003205	03/13/91
003206	03/13/91
003207	03/13/91
003208	03/13/91
003209	03/13/91
003210	03/13/91
003211	03/13/91
003212	03/13/91
003213	03/13/91
003214	03/13/91
003215	03/13/91
003216	03/13/91
003217	03/13/91
003218	03/13/91
003219	03/13/91
003220	03/13/91
003221	03/13/91
003222	03/13/91
003223	03/13/91
003224	03/13/91
003225	03/13/91
003226	03/13/91
003227	03/13/91
003228	03/13/91
003229	03/13/91
003230	05/25/91
003231	05/25/91
003232	05/25/91
003233	05/25/91
003234	05/25/91
003235	05/25/91
003236	03/13/91
003237	05/25/91
003238	05/25/91
003239	05/25/91
003240	05/25/91
003241	05/25/91

PERFORM UNTIL END-OF-TBLIN	0033242	03/13/91
MOVE TFR-PAY-TBL-NBR TO TRANFREE-CURR-ENTRY	0033243	05/25/91
MOVE TFR-PAY-TBL-ENTRY	0033244	05/25/91
TO TRANFREE-SC-ENTRY (TRANFREE-CURR-ENTRY)	0033245	05/25/91
IF TRANFREE-CURR-ENTRY GREATER THAN TRANFREE-TBL-ENTRIES	0033246	05/25/91
MOVE TRANFREE-CURR-ENTRY TO TRANFREE-TBL-ENTRIES	0033247	05/25/91
END-IF	0033248	05/25/91
READ PAY-TABLE-INPUT INTO TRANFREE-PAY-TABLE-REC	0033249	05/25/91
AT END	0033250	05/25/91
SET END-OF-TBLIN TO TRUE	0033251	05/25/91
END-READ	0033252	05/25/91
END-PERFORM.	0033253	05/25/91
CLOSE PAY-TABLE-INPUT.	0033254	03/13/91
9100-EXIT. EXIT.	0033255	05/25/91
	0033256	03/13/91
	0033257	03/13/91
9200-WRITE-PAY-TBL.	0033258	03/13/91
MOVE 1 TO TRANFREE-CURR-ENTRY.	0033259	05/25/91
PERFORM VARYING TRANFREE-CURR-ENTRY FROM 1 BY 1	0033260	05/25/91
UNTIL TRANFREE-CURR-ENTRY > TRANFREE-TBL-ENTRIES	0033261	05/25/91
MOVE WS-LAST-COMMIT-COUNT TO TFR-PAY-TBL-COMMIT	0033262	05/25/91
MOVE TRANFREE-SC-ENTRY (TRANFREE-CURR-ENTRY)	0033263	05/25/91
TO TFR-PAY-TBL-ENTRY	0033264	05/25/91
MOVE TRANFREE-CURR-ENTRY	0033265	05/25/91
TO TFR-PAY-TBL-NBR	0033266	05/25/91
WRITE PAY-TBL-OUTPUT-REC FROM TRANFREE-PAY-TABLE-REC	0033267	05/25/91
END-PERFORM.	0033268	03/13/91
	0033269	03/13/91
	0033270	03/13/91
9200-EXIT. EXIT.	0033271	03/13/91
CHECK-EFT-CODE.	0033272	04/20/91
IF RO-METHOD = 'P'	0033273	04/20/91
MOVE CF-PAPR-RT-TRANS TO PDR-ROUTE-TRANS	0033274	04/20/91
MOVE CF-PAPR-ACT-NBR TO PDR-ACT-NBR	0033275	04/20/91
ELSE	0033276	04/20/91
MOVE CF-ROUTE-TRANS TO PDR-ROUTE-TRANS	0033277	04/20/91
MOVE CF-ACT-NBR TO PDR-ACT-NBR.	0033278	04/20/91
CHECK-EXIT. EXIT.	0033279	04/20/91
	0033280	05/25/91
TBRRTNS	0033281	05/25/91
-INC FDATAITNS	0033282	05/25/91
	0033283	11/14/90
ERRCHK.	0033284	0033285
-INC SALEERRR	0033286	11/14/90

